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EDUCATION

NEW ZEALAND - POPULATION B

FREQUENCIES

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COLLEGE OF EDUCATION
UNIVERSITY OF ILLINOIS AT URBANA - CHAMPAIGN
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NZEB1

Class level Achievement

NEW ZEALAND -- POPULATION B
CLASS-LEVEL ACHIEVEMENT -- POSTTEST

VARIABLE	N	N MISSING	MEAN	STANDARD DEVIATION
PYS001	79	0	0.77	0.25
PYS002	79	0	0.54	0.26
PYS003	79	0	0.36	0.26
PYS004	76	3	0.31	0.25
PYS005	78	1	0.70	0.28
PYS006	79	0	0.70	0.27
PYS007	79	0	0.35	0.30
PYS008	78	1	0.15	0.24
PYS009	78	1	0.75	0.28
PYS010	76	3	0.52	0.30
PYS011	78	1	0.31	0.28
PYS012	79	0	0.51	0.32
PYS013	78	1	0.67	0.27
PYS014	76	3	0.84	0.19
PYS015	78	1	0.83	0.22
PYS016	79	0	0.62	0.30
PYS017	78	1	0.56	0.29
PYS018	78	1	0.42	0.28
PYS019	79	0	0.71	0.28
PYS020	78	1	0.32	0.29
PYS021	79	0	0.24	0.28
PYS022	77	2	0.37	0.27
PYS023	79	0	0.23	0.23
PYS024	76	3	0.68	0.25
PYS025	79	0	0.79	0.25
PYS026	79	0	0.58	0.30
PYS027	78	1	0.58	0.32
PYS028	78	1	0.44	0.32
PYS029	79	0	0.69	0.28
PYS030	79	0	0.69	0.28
PYS031	78	1	0.86	0.24
PYS032	78	1	0.55	0.29
PYS033	78	1	0.38	0.31
PYS034	79	0	0.41	0.30
PYS035	77	2	0.68	0.29
PYS036	79	0	0.84	0.24
PYS037	77	2	0.86	0.22
PYS038	78	1	0.59	0.28
PYS039	77	2	0.59	0.31
PYS040	77	2	0.38	0.30
PYS041	78	1	0.67	0.30
PYS042	79	0	0.63	0.30
PYS043	78	1	0.48	0.30
PYS044	76	3	0.47	0.31
PYS045	79	0	0.65	0.27
PYS046	79	0	0.97	0.10
PYS047	78	1	0.58	0.30
PYS048	79	0	0.74	0.26
PYS049	78	1	0.60	0.28
PYS050	79	0	0.70	0.27
PYS051	76	3	0.51	0.24
PYS052	79	0	0.69	0.29
PYS053	76	3	0.25	0.26
PYS054	79	0	0.49	0.32
PYS055	79	0	0.56	0.27
PYS056	78	1	0.47	0.30
PYS057	78	1	0.14	0.21
PYS058	79	0	0.27	0.25
PYS059	78	1	0.82	0.18
PYS060	76	3	0.46	0.30
PYS061	78	1	0.76	0.27
PYS062	78	1	0.47	0.30
PYS063	79	0	0.64	0.28
PYS064	77	2	0.59	0.32
PYS065	79	0	0.70	0.31
PYS066	79	0	0.94	0.16
PYS067	77	2	0.52	0.31
PYS068	76	3	0.39	0.26
PYS069	79	0	0.61	0.29
PYS070	78	1	0.88	0.18
PYS071	79	0	0.27	0.26
PYS072	79	0	0.57	0.32
PYS073	76	3	0.27	0.26
PYS074	78	1	0.63	0.32
PYS075	79	0	0.54	0.35
PYS076	78	1	0.41	0.28
PYS077	76	3	0.82	0.21
PYS078	77	2	0.10	0.17
PYS079	78	1	0.63	0.28
PYS080	79	0	0.47	0.30
PYS081	78	1	0.27	0.26
PYS082	78	1	0.87	0.22
PYS083	78	1	0.55	0.29
PYS084	78	1	0.63	0.29
PYS085	79	0	0.22	0.26
PYS086	79	0	0.58	0.31
PYS087	79	0	0.70	0.28
PYS088	78	1	0.67	0.29
PYS089	79	0	0.31	0.26
PYS090	77	2	0.52	0.30
PYS091	79	0	0.69	0.29
PYS092	79	0	0.67	0.33
PYS093	78	1	0.34	0.30
PYS094	76	3	0.72	0.25
PYS095	77	2	0.55	0.32
PYS096	78	1	0.45	0.33
PYS097	76	3	0.60	0.31
PYS098	78	1	0.78	0.26
PYS099	78	1	0.58	0.28
PYS100	78	1	0.24	0.25
PYS101	76	3	0.54	0.29
PYS102	77	2	0.51	0.30
PYS103	78	1	0.67	0.29
PYS104	79	0	0.52	0.29
PYS105	78	1	0.39	0.28
PYS106	78	1	0.83	0.24
PYS107	76	3	0.76	0.24
PYS108	78	1	0.11	0.18
PYS109	77	2	0.17	0.27
PYS110	79	0	0.25	0.30
PYS111	78	1	0.30	0.28
PYS112	77	2	0.34	0.28
PYS113	79	0	0.60	0.32
PYS114	77	2	0.32	0.27
PYS115	78	1	0.42	0.33
PYS116	79	0	0.34	0.28
PYS117	78	1	0.57	0.28
PYS118	77	2	0.46	0.31
PYS119	79	0	0.46	0.28

NEW ZEALAND -- POPULATION B
CLASS-LEVEL ACHIEVEMENT -- POSTTEST

VARIABLE	N	N MISSING	MEAN	STANDARD DEVIATION
PYS120	79	0	0.19	0.25
PYS121	76	3	0.07	0.13
PYS122	77	2	0.35	0.29
PYS123	78	1	0.17	0.22
PYS124	79	0	0.33	0.28
PYS125	79	0	0.51	0.32
PYS126	78	1	0.24	0.25
PYS127	0	79	.	.
PYS128	78	1	0.37	0.26
PYS129	78	1	0.29	0.27
PYS130	76	3	0.27	0.26
PYS131	79	0	0.16	0.26
PYS132	77	2	0.13	0.21
PYS133	78	1	0.33	0.25
PYS134	79	0	0.12	0.19
PYS135	78	1	0.36	0.31
PYS136	79	0	0.19	0.20

Appropriateness and Opportunity

to learn

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

APPROPRIATENESS RATING -- ITEM 001

APP001	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-001

E001	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	3	3.8	3	3.8
6 TO 40 PCT	20	25.6	23	29.5
41 TO 60 PCT	21	26.9	44	56.4
61 TO 94 PCT	26	33.3	70	89.7
VIRTUALLY ALL	8	10.3	78	100.0

OTL THIS YEAR

T001	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	77	98.7	77	98.7
NOT TAUGHT	1	1.3	78	100.0

WHY NOT OTL

W001	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
TAUGHT PRIOR	71	92.2	71	92.2
NOT IN CURRIC	5	6.5	76	98.7
OTHER REASONS	1	1.3	77	100.0

APPROPRIATENESS RATING -- ITEM 002

APP002	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-002

E002	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
41 TO 60 PCT	7	9.0	7	9.0
61 TO 94 PCT	27	34.6	34	43.6
VIRTUALLY ALL	44	56.4	78	100.0

OTL THIS YEAR

T002	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	60	76.9	60	76.9
NOT TAUGHT	18	23.1	78	100.0

WHY NOT OTL

W002	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	19	.	.	.
TAUGHT PRIOR	59	98.3	59	98.3
TEACH LATER	1	1.7	60	100.0

APPROPRIATENESS RATING -- ITEM 003

APP003	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-003

E003	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	13	16.7	13	16.7
41 TO 60 PCT	31	39.7	44	56.4
61 TO 94 PCT	26	33.3	70	89.7
VIRTUALLY ALL	8	10.3	78	100.0

OTL THIS YEAR

T003	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	68	87.2	68	87.2
NOT TAUGHT	10	12.8	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W003	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	10	.	.	.
TAUGHT PRIOR	60	87.0	60	87.0
TEACH LATER	4	5.8	64	92.8
NOT IN CURRIC	2	2.9	66	95.7
OTHER REASONS	3	4.3	69	100.0

APPROPRIATENESS RATING -- ITEM 004

APP004	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-004

E004	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	4	5.1	4	5.1
41 TO 60 PCT	4	5.1	8	10.3
61 TO 94 PCT	45	57.7	53	67.9
VIRTUALLY ALL	25	32.1	78	100.0

OTL THIS YEAR

T004	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	51	65.4	51	65.4
NOT TAUGHT	27	34.6	78	100.0

WHY NOT OTL

W004	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
TAUGHT PRIOR	51	100.0	51	100.0

APPROPRIATENESS RATING -- ITEM 005

APP005	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-005

E005	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	6	7.7	6	7.7
41 TO 60 PCT	14	17.9	20	25.6
61 TO 94 PCT	37	47.4	57	73.1
VIRTUALLY ALL	21	26.9	78	100.0

OTL THIS YEAR

T005	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	70	89.7	70	89.7
NOT TAUGHT	8	10.3	78	100.0

WHY NOT OTL

W005	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	9	.	.	.
TAUGHT PRIOR	68	97.1	68	97.1
NOT IN CURRIC	2	2.9	70	100.0

APPROPRIATENESS RATING -- ITEM 006

APP006	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-006

E006	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	1	1.3	1	1.3
41 TO 60 PCT	4	5.1	5	6.4
61 TO 94 PCT	38	48.7	43	55.1
VIRTUALLY ALL	35	44.9	78	100.0

NEW ZEALAND — POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

OTL THIS YEAR

T006	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	17	21.8	17	21.8
NOT TAUGHT	61	78.2	78	100.0

WHY NOT OTL

W006	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	61	.	.	.
TAUGHT PRIOR	18	100.0	18	100.0

APPROPRIATENESS RATING — ITEM 007

APP007	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-007

E007	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	7	9.0	7	9.0
6 TO 40 PCT	36	46.2	43	55.1
41 TO 60 PCT	29	37.2	72	92.3
61 TO 94 PCT	5	6.4	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T007	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	70	89.7	70	89.7
NOT TAUGHT	8	10.3	78	100.0

WHY NOT OTL

W007	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	8	.	.	.
TAUGHT PRIOR	50	70.4	50	70.4
TEACH LATER	1	1.4	51	71.8
NOT IN CURRIC	11	15.5	62	87.3
OTHER REASONS	9	12.7	71	100.0

APPROPRIATENESS RATING — ITEM 008

APP008	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-008

E008	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	8	10.3	8	10.3
6 TO 40 PCT	24	30.8	32	41.0
41 TO 60 PCT	33	42.3	65	83.3
61 TO 94 PCT	12	15.4	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T008	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	51	65.4	51	65.4
NOT TAUGHT	27	34.6	78	100.0

WHY NOT OTL

W008	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
TAUGHT PRIOR	28	54.9	28	54.9
TEACH LATER	4	7.8	32	62.7
NOT IN CURRIC	14	27.5	46	90.2
OTHER REASONS	5	9.8	51	100.0

APPROPRIATENESS RATING — ITEM 009

APP009	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND — POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-009

E009	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	5	6.4	5	6.4
41 TO 60 PCT	11	14.1	16	20.5
61 TO 94 PCT	44	56.4	60	76.9
VIRTUALLY ALL	18	23.1	78	100.0

OTL THIS YEAR

T009	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	43	55.1	43	55.1
NOT TAUGHT	35	44.9	78	100.0

WHY NOT OTL

W009	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	37	.	.	.
TAUGHT PRIOR	42	100.0	42	100.0

APPROPRIATENESS RATING — ITEM 010

APP010	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-010

E010	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	5	6.4	6	7.7
41 TO 60 PCT	21	26.9	27	34.6
61 TO 94 PCT	41	52.6	68	87.2
VIRTUALLY ALL	10	12.8	78	100.0

OTL THIS YEAR

T010	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	10	12.8	10	12.8
NOT TAUGHT	68	87.2	78	100.0

WHY NOT OTL

W010	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	69	.	.	.
TAUGHT PRIOR	8	80.0	8	80.0
TEACH LATER	1	10.0	9	90.0
OTHER REASONS	1	10.0	10	100.0

APPROPRIATENESS RATING — ITEM 011

APP011	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-011

E011	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	37	47.4	37	47.4
6 TO 40 PCT	32	41.0	69	88.5
41 TO 60 PCT	8	10.3	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T011	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	68	87.2	68	87.2
NOT TAUGHT	10	12.8	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W011	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	11	.	.	.
TAUGHT PRIOR	11	16.2	11	16.2
TEACH LATER	16	23.5	27	39.7
NOT IN CURRIC	32	47.1	59	86.8
OTHER REASONS	9	13.2	68	100.0

APPROPRIATENESS RATING -- ITEM 012

APP012	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-012

E012	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	10	12.8	10	12.8
41 TO 60 PCT	24	30.8	34	43.6
61 TO 94 PCT	38	48.7	72	92.3
VIRTUALLY ALL	6	7.7	78	100.0

OTL THIS YEAR

T012	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	21	26.9	21	26.9
NOT TAUGHT	57	73.1	78	100.0

WHY NOT OTL

W012	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	57	.	.	.
TAUGHT PRIOR	22	100.0	22	100.0

APPROPRIATENESS RATING -- ITEM 013

APP013	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-013

E013	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	2	2.6	2	2.6
6 TO 40 PCT	13	16.7	15	19.2
41 TO 60 PCT	36	46.2	51	65.4
61 TO 94 PCT	23	29.5	74	94.9
VIRTUALLY ALL	4	5.1	78	100.0

OTL THIS YEAR

T013	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	12	15.4	12	15.4
NOT TAUGHT	66	84.6	78	100.0

WHY NOT OTL

W013	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	67	.	.	.
TAUGHT PRIOR	5	41.7	5	41.7
TEACH LATER	1	8.3	6	50.0
NOT IN CURRIC	5	41.7	11	91.7
OTHER REASONS	1	8.3	12	100.0

APPROPRIATENESS RATING -- ITEM 014

APP014	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-014

E014	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	1	1.3	1	1.3
41 TO 60 PCT	6	7.7	7	9.0
61 TO 94 PCT	40	51.3	47	60.3
VIRTUALLY ALL	31	39.7	78	100.0

OTL THIS YEAR

T014	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	3	3.8	3	3.8
NOT TAUGHT	75	96.2	78	100.0

WHY NOT OTL

W014	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	75	.	.	.
TAUGHT PRIOR	4	100.0	4	100.0

APPROPRIATENESS RATING -- ITEM 015

APP015	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-015

E015	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	2	2.6	2	2.6
41 TO 60 PCT	11	14.1	13	16.7
61 TO 94 PCT	33	42.3	46	59.0
VIRTUALLY ALL	32	41.0	78	100.0

OTL THIS YEAR

T015	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	5	6.4	5	6.4
NOT TAUGHT	73	93.6	78	100.0

WHY NOT OTL

W015	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	74	.	.	.
TAUGHT PRIOR	5	100.0	5	100.0

APPROPRIATENESS RATING -- ITEM 016

APP016	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-016

E016	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	18	23.1	18	23.1
6 TO 40 PCT	26	33.3	44	56.4
41 TO 60 PCT	19	24.4	63	80.8
61 TO 94 PCT	11	14.1	74	94.9
VIRTUALLY ALL	4	5.1	78	100.0

OTL THIS YEAR

T016	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	67	85.9	67	85.9
NOT TAUGHT	11	14.1	78	100.0

WHY NOT OTL

W016	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	11	.	.	.
TAUGHT PRIOR	34	50.0	34	50.0
TEACH LATER	3	4.4	37	54.4
NOT IN CURRIC	19	27.9	56	82.4
OTHER REASONS	12	17.6	68	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

APPROPRIATENESS RATING -- ITEM 017

APP017	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-017

E017	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	2	2.6	2	2.6
6 TO 40 PCT	10	12.8	12	15.4
41 TO 60 PCT	26	33.3	38	48.7
61 TO 94 PCT	32	41.0	70	89.7
VIRTUALLY ALL	8	10.3	78	100.0

OTL THIS YEAR

T017	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	68	87.2	68	87.2
NOT TAUGHT	10	12.8	78	100.0

WHY NOT OTL

W017	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	11	.	.	.
TAUGHT PRIOR	59	86.8	59	86.8
TEACH LATER	1	1.5	60	88.2
NOT IN CURRIC	6	8.8	66	97.1
OTHER REASONS	2	2.9	68	100.0

APPROPRIATENESS RATING -- ITEM 018

APP018	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-018

E018	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	11	14.1	11	14.1
6 TO 40 PCT	5	6.4	16	20.5
41 TO 60 PCT	31	39.7	47	60.3
61 TO 94 PCT	26	33.3	73	93.6
VIRTUALLY ALL	5	6.4	78	100.0

OTL THIS YEAR

T018	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	12	15.4	12	15.4
NOT TAUGHT	66	84.6	78	100.0

WHY NOT OTL

W018	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	67	.	.	.
TEACH LATER	12	100.0	12	100.0

APPROPRIATENESS RATING -- ITEM 019

APP019	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-019

E019	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	4	5.1	4	5.1
41 TO 60 PCT	21	26.9	25	32.1
61 TO 94 PCT	44	56.4	69	88.5
VIRTUALLY ALL	9	11.5	78	100.0

OTL THIS YEAR

T019	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	35	44.9	35	44.9
NOT TAUGHT	43	55.1	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W019	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	43	.	.	.
TAUGHT PRIOR	36	100.0	36	100.0

APPROPRIATENESS RATING -- ITEM 020

APP020	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-020

E020	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	3	3.8	3	3.8
6 TO 40 PCT	19	24.4	22	28.2
41 TO 60 PCT	37	47.4	59	75.6
61 TO 94 PCT	17	21.8	76	97.4
VIRTUALLY ALL	2	2.6	78	100.0

OTL THIS YEAR

T020	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	75	96.2	75	96.2
NOT TAUGHT	3	3.8	78	100.0

WHY NOT OTL

W020	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	5	.	.	.
TAUGHT PRIOR	69	93.2	69	93.2
NOT IN CURRIC	5	6.8	74	100.0

APPROPRIATENESS RATING -- ITEM 021

APP021	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-021

E021	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	3	3.8	3	3.8
6 TO 40 PCT	27	34.6	30	38.5
41 TO 60 PCT	35	44.9	65	83.3
61 TO 94 PCT	12	15.4	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T021	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	43	55.1	43	55.1
NOT TAUGHT	35	44.9	78	100.0

WHY NOT OTL

W021	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	36	.	.	.
TAUGHT PRIOR	36	83.7	36	83.7
NOT IN CURRIC	2	4.7	38	88.4
OTHER REASONS	5	11.6	43	100.0

APPROPRIATENESS RATING -- ITEM 022

APP022	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-022

E022	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	8	10.3	8	10.3
6 TO 40 PCT	21	26.9	29	37.2
41 TO 60 PCT	36	46.2	65	83.3
61 TO 94 PCT	12	15.4	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

OTL THIS YEAR

T022	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	41	52.6	41	52.6
NOT TAUGHT	37	47.4	78	100.0

WHY NOT OTL

W022	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	38	.	.	.
TAUGHT PRIOR	25	61.0	25	61.0
TEACH LATER	10	24.4	35	85.4
NOT IN CURRIC	4	9.8	39	95.1
OTHER REASONS	2	4.9	41	100.0

APPROPRIATENESS RATING -- ITEM 023

APP023	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-023

E023	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	20	25.6	21	26.9
41 TO 60 PCT	39	50.0	60	76.9
61 TO 94 PCT	18	23.1	78	100.0

OTL THIS YEAR

T023	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	14	17.9	14	17.9
NOT TAUGHT	64	82.1	78	100.0

WHY NOT OTL

W023	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	64	.	.	.
TAUGHT PRIOR	14	93.3	14	93.3
NOT IN CURRIC	1	6.7	15	100.0

APPROPRIATENESS RATING -- ITEM 024

APP024	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-024

E024	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	8	10.3	8	10.3
6 TO 40 PCT	7	9.0	15	19.2
41 TO 60 PCT	20	25.6	35	44.9
61 TO 94 PCT	27	34.6	62	79.5
VIRTUALLY ALL	16	20.5	78	100.0

OTL THIS YEAR

T024	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	53	67.9	53	67.9
NOT TAUGHT	25	32.1	78	100.0

WHY NOT OTL

W024	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
TAUGHT PRIOR	27	50.9	27	50.9
TEACH LATER	6	11.3	33	62.3
NOT IN CURRIC	13	24.5	46	86.8
OTHER REASONS	7	13.2	53	100.0

APPROPRIATENESS RATING -- ITEM 025

APP025	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-025

E025	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	3	3.8	3	3.8
41 TO 60 PCT	9	11.5	12	15.4
61 TO 94 PCT	44	56.4	56	71.8
VIRTUALLY ALL	22	28.2	78	100.0

OTL THIS YEAR

T025	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	18	23.1	18	23.1
NOT TAUGHT	60	76.9	78	100.0

WHY NOT OTL

W025	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	60	.	.	.
TAUGHT PRIOR	19	100.0	19	100.0

APPROPRIATENESS RATING -- ITEM 026

APP026	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-026

E026	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	11	14.1	12	15.4
41 TO 60 PCT	33	42.3	45	57.7
61 TO 94 PCT	28	35.9	73	93.6
VIRTUALLY ALL	5	6.4	78	100.0

OTL THIS YEAR

T026	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	28	35.9	28	35.9
NOT TAUGHT	50	64.1	78	100.0

WHY NOT OTL

W026	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	51	.	.	.
TAUGHT PRIOR	27	96.4	27	96.4
OTHER REASONS	1	3.6	28	100.0

APPROPRIATENESS RATING -- ITEM 027

APP027	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-027

E027	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	14	17.9	15	19.2
41 TO 60 PCT	38	48.7	53	67.9
61 TO 94 PCT	23	29.5	76	97.4
VIRTUALLY ALL	2	2.6	78	100.0

OTL THIS YEAR

T027	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	6	7.7	6	7.7
NOT TAUGHT	72	92.3	78	100.0

WHY NOT OTL

W027	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	74	.	.	.
TAUGHT PRIOR	1	20.0	1	20.0
TEACH LATER	4	80.0	5	100.0

NEW ZEALAND — POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

APPROPRIATENESS RATING — ITEM 028

APP028	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-028

E028	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	7	9.0	8	10.3
41 TO 60 PCT	28	35.9	36	46.2
61 TO 94 PCT	33	42.3	69	88.5
VIRTUALLY ALL	9	11.5	78	100.0

OTL THIS YEAR

T028	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	4	5.1	4	5.1
NOT TAUGHT	74	94.9	78	100.0

WHY NOT OTL

W028	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	74	.	.	.
TAUGHT PRIOR	4	80.0	4	80.0
TEACH LATER	1	20.0	5	100.0

APPROPRIATENESS RATING — ITEM 029

APP029	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-029

E029	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	3	3.8	3	3.8
41 TO 60 PCT	11	14.1	14	17.9
61 TO 94 PCT	42	53.8	56	71.8
VIRTUALLY ALL	22	28.2	78	100.0

OTL THIS YEAR

T029	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	13	16.7	13	16.7
NOT TAUGHT	65	83.3	78	100.0

WHY NOT OTL

W029	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	66	.	.	.
TAUGHT PRIOR	12	92.3	12	92.3
TEACH LATER	1	7.7	13	100.0

APPROPRIATENESS RATING — ITEM 030

APP030	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-030

E030	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	12	15.4	12	15.4
41 TO 60 PCT	18	23.1	30	38.5
61 TO 94 PCT	34	43.6	64	82.1
VIRTUALLY ALL	14	17.9	78	100.0

OTL THIS YEAR

T030	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	74	94.9	74	94.9
NOT TAUGHT	4	5.1	78	100.0

NEW ZEALAND — POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W030	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	5	.	.	.
TAUGHT PRIOR	68	91.9	68	91.9
NOT IN CURRIC	2	2.7	70	94.6
OTHER REASONS	4	5.4	74	100.0

APPROPRIATENESS RATING — ITEM 031

APP031	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-031

E031	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	4	5.1	4	5.1
41 TO 60 PCT	19	24.4	23	29.5
61 TO 94 PCT	40	51.3	63	80.8
VIRTUALLY ALL	15	19.2	78	100.0

OTL THIS YEAR

T031	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	78	100.0	78	100.0

WHY NOT OTL

W031	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT PRIOR	76	97.4	76	97.4
NOT IN CURRIC	1	1.3	77	98.7
OTHER REASONS	1	1.3	78	100.0

APPROPRIATENESS RATING — ITEM 032

APP032	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-032

E032	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	1	1.3	1	1.3
41 TO 60 PCT	4	5.1	5	6.4
61 TO 94 PCT	27	34.6	32	41.0
VIRTUALLY ALL	46	59.0	78	100.0

OTL THIS YEAR

T032	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	72	92.3	72	92.3
NOT TAUGHT	6	7.7	78	100.0

WHY NOT OTL

W032	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	7	.	.	.
TAUGHT PRIOR	72	100.0	72	100.0

APPROPRIATENESS RATING — ITEM 033

APP033	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-033

E033	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	25	32.1	26	33.3
41 TO 60 PCT	32	41.0	58	74.4
61 TO 94 PCT	18	23.1	76	97.4
VIRTUALLY ALL	2	2.6	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

OTL THIS YEAR

T033	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	23	29.5	23	29.5
NOT TAUGHT	55	70.5	78	100.0

WHY NOT OTL

W033	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	56	.	.	.
TAUGHT PRIOR	17	73.9	17	73.9
TEACH LATER	4	17.4	21	91.3
NOT IN CURRIC	2	8.7	23	100.0

APPROPRIATENESS RATING -- ITEM 034

APP034	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-034

E034	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	11	14.1	11	14.1
6 TO 40 PCT	24	30.8	35	44.9
41 TO 60 PCT	23	29.5	58	74.4
61 TO 94 PCT	18	23.1	76	97.4
VIRTUALLY ALL	2	2.6	78	100.0

OTL THIS YEAR

T034	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	16	20.5	16	20.5
NOT TAUGHT	62	79.5	78	100.0

WHY NOT OTL

W034	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	63	.	.	.
TAUGHT PRIOR	2	12.5	2	12.5
TEACH LATER	12	75.0	14	87.5
OTHER REASONS	2	12.5	16	100.0

APPROPRIATENESS RATING -- ITEM 035

APP035	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-035

E035	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	9	11.5	9	11.5
41 TO 60 PCT	25	32.1	34	43.6
61 TO 94 PCT	35	44.9	69	88.5
VIRTUALLY ALL	9	11.5	78	100.0

OTL THIS YEAR

T035	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	38	48.7	38	48.7
NOT TAUGHT	40	51.3	78	100.0

WHY NOT OTL

W035	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	40	.	.	.
TAUGHT PRIOR	38	97.4	38	97.4
OTHER REASONS	1	2.6	39	100.0

APPROPRIATENESS RATING -- ITEM 036

APP036	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-036

E036	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	1	1.3	1	1.3
41 TO 60 PCT	10	12.8	11	14.1
61 TO 94 PCT	40	51.3	51	65.4
VIRTUALLY ALL	27	34.6	78	100.0

OTL THIS YEAR

T036	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	15	19.2	15	19.2
NOT TAUGHT	63	80.8	78	100.0

WHY NOT OTL

W036	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	64	.	.	.
TAUGHT PRIOR	14	93.3	14	93.3
TEACH LATER	1	6.7	15	100.0

APPROPRIATENESS RATING -- ITEM 037

APP037	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-037

E037	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	1	1.3	2	2.6
41 TO 60 PCT	1	1.3	3	3.9
61 TO 94 PCT	26	33.8	29	37.7
VIRTUALLY ALL	48	62.3	77	100.0

OTL THIS YEAR

T037	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	62	79.5	62	79.5
NOT TAUGHT	16	20.5	78	100.0

WHY NOT OTL

W037	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	17	.	.	.
TAUGHT PRIOR	61	98.4	61	98.4
TEACH LATER	1	1.6	62	100.0

APPROPRIATENESS RATING -- ITEM 038

APP038	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-038

E038	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
VIRTUALLY NONE	4	5.2	4	5.2
6 TO 40 PCT	19	24.7	23	29.9
41 TO 60 PCT	42	54.5	65	84.4
61 TO 94 PCT	12	15.6	77	100.0

OTL THIS YEAR

T038	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	76	97.4	76	97.4
NOT TAUGHT	2	2.6	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W038	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	5	.	.	.
TAUGHT PRIOR	51	68.9	51	68.9
NOT IN CURRIC	14	18.9	65	87.8
OTHER REASONS	9	12.2	74	100.0

APPROPRIATENESS RATING -- ITEM 039

APP039	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-039

E039	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	5	6.4	5	6.4
41 TO 60 PCT	27	34.6	32	41.0
61 TO 94 PCT	37	47.4	69	88.5
VIRTUALLY ALL	9	11.5	78	100.0

OTL THIS YEAR

T039	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	18	23.1	18	23.1
NOT TAUGHT	60	76.9	78	100.0

WHY NOT OTL

W039	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	60	.	.	.
TAUGHT PRIOR	19	100.0	19	100.0

APPROPRIATENESS RATING -- ITEM 040

APP040	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-040

E040	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	7	9.0	7	9.0
6 TO 40 PCT	29	37.2	36	46.2
41 TO 60 PCT	26	33.3	62	79.5
61 TO 94 PCT	13	16.7	75	96.2
VIRTUALLY ALL	3	3.8	78	100.0

OTL THIS YEAR

T040	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	36	46.2	36	46.2
NOT TAUGHT	42	53.8	78	100.0

WHY NOT OTL

W040	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	43	.	.	.
TAUGHT PRIOR	15	41.7	15	41.7
TEACH LATER	16	44.4	31	86.1
NOT IN CURRIC	1	2.8	32	88.9
OTHER REASONS	4	11.1	36	100.0

APPROPRIATENESS RATING -- ITEM 041

APP041	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-041

E041	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	4	.	.	.
6 TO 40 PCT	4	5.3	4	5.3
41 TO 60 PCT	19	25.3	23	30.7
61 TO 94 PCT	43	57.3	66	88.0
VIRTUALLY ALL	9	12.0	75	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

OTL THIS YEAR

T041	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	4	.	.	.
TAUGHT	6	8.0	6	8.0
NOT TAUGHT	69	92.0	75	100.0

WHY NOT OTL

W041	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	73	.	.	.
TAUGHT PRIOR	5	83.3	5	83.3
OTHER REASONS	1	16.7	6	100.0

APPROPRIATENESS RATING -- ITEM 042

APP042	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-042

E042	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	4	5.1	4	5.1
41 TO 60 PCT	33	42.3	37	47.4
61 TO 94 PCT	29	37.2	66	84.6
VIRTUALLY ALL	12	15.4	78	100.0

OTL THIS YEAR

T042	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	48	61.5	48	61.5
NOT TAUGHT	30	38.5	78	100.0

WHY NOT OTL

W042	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	31	.	.	.
TAUGHT PRIOR	48	100.0	48	100.0

APPROPRIATENESS RATING -- ITEM 043

APP043	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-043

E043	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	4	5.1	4	5.1
41 TO 60 PCT	27	34.6	31	39.7
61 TO 94 PCT	38	48.7	69	88.5
VIRTUALLY ALL	9	11.5	78	100.0

OTL THIS YEAR

T043	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	17	21.8	17	21.8
NOT TAUGHT	61	78.2	78	100.0

WHY NOT OTL

W043	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	62	.	.	.
TAUGHT PRIOR	17	100.0	17	100.0

APPROPRIATENESS RATING -- ITEM 044

APP044	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-044

E044	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	8	10.3	8	10.3
41 TO 60 PCT	22	28.2	30	38.5
61 TO 94 PCT	36	46.2	66	84.6
VIRTUALLY ALL	12	15.4	78	100.0

OTL THIS YEAR

T044	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	5	6.4	5	6.4
NOT TAUGHT	73	93.6	78	100.0

WHY NOT OTL

W044	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	74	.	.	.
TAUGHT PRIOR	2	40.0	2	40.0
TEACH LATER	2	40.0	4	80.0
OTHER REASONS	1	20.0	5	100.0

APPROPRIATENESS RATING -- ITEM 045

APP045	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-045

E045	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	8	10.3	8	10.3
6 TO 40 PCT	30	38.5	38	48.7
41 TO 60 PCT	20	25.6	58	74.4
61 TO 94 PCT	20	25.6	78	100.0

OTL THIS YEAR

T045	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	72	92.3	72	92.3
NOT TAUGHT	6	7.7	78	100.0

WHY NOT OTL

W045	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	5	.	.	.
TAUGHT PRIOR	49	66.2	49	66.2
TEACH LATER	1	1.4	50	67.6
NOT IN CURRIC	14	18.9	64	86.5
OTHER REASONS	10	13.5	74	100.0

APPROPRIATENESS RATING -- ITEM 046

APP046	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-046

E046	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
41 TO 60 PCT	4	5.1	4	5.1
61 TO 94 PCT	27	34.6	31	39.7
VIRTUALLY ALL	47	60.3	78	100.0

OTL THIS YEAR

T046	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	55	70.5	55	70.5
NOT TAUGHT	23	29.5	78	100.0

WHY NOT OTL

W046	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	23	.	.	.
TAUGHT PRIOR	56	100.0	56	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

APPROPRIATENESS RATING -- ITEM 047

APP047	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-047

E047	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	3	3.8	3	3.8
6 TO 40 PCT	16	20.5	19	24.4
41 TO 60 PCT	33	42.3	52	66.7
61 TO 94 PCT	21	26.9	73	93.6
VIRTUALLY ALL	5	6.4	78	100.0

OTL THIS YEAR

T047	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	48	61.5	48	61.5
NOT TAUGHT	30	38.5	78	100.0

WHY NOT OTL

W047	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	31	.	.	.
TAUGHT PRIOR	46	95.8	46	95.8
OTHER REASONS	2	4.2	48	100.0

APPROPRIATENESS RATING -- ITEM 048

APP048	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-048

E048	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	16	20.8	17	22.1
41 TO 60 PCT	38	49.4	55	71.4
61 TO 94 PCT	18	23.4	73	94.8
VIRTUALLY ALL	4	5.2	77	100.0

OTL THIS YEAR

T048	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	56	71.8	56	71.8
NOT TAUGHT	22	28.2	78	100.0

WHY NOT OTL

W048	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	21	.	.	.
TAUGHT PRIOR	53	91.4	53	91.4
NOT IN CURRIC	3	5.2	56	96.6
OTHER REASONS	2	3.4	58	100.0

APPROPRIATENESS RATING -- ITEM 049

APP049	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-049

E049	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	13	16.7	13	16.7
41 TO 60 PCT	27	34.6	40	51.3
61 TO 94 PCT	32	41.0	72	92.3
VIRTUALLY ALL	6	7.7	78	100.0

OTL THIS YEAR

T049	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	45	57.7	45	57.7
NOT TAUGHT	33	42.3	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W049	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	33	.	.	.
TAUGHT PRIOR	44	95.7	44	95.7
NOT IN CURRIC	2	4.3	46	100.0

APPROPRIATENESS RATING -- ITEM 050

APP050	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-050

E050	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	9	11.5	9	11.5
6 TO 40 PCT	24	30.8	33	42.3
41 TO 60 PCT	30	38.5	63	80.8
61 TO 94 PCT	14	17.9	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T050	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	55	70.5	55	70.5
NOT TAUGHT	23	29.5	78	100.0

WHY NOT OTL

W050	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	24	.	.	.
TAUGHT PRIOR	30	54.5	30	54.5
NOT IN CURRIC	17	30.9	47	85.5
OTHER REASONS	8	14.5	55	100.0

APPROPRIATENESS RATING -- ITEM 051

APP051	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-051

E051	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	3	3.8	3	3.8
6 TO 40 PCT	35	44.9	38	48.7
41 TO 60 PCT	28	35.9	66	84.6
61 TO 94 PCT	10	12.8	76	97.4
VIRTUALLY ALL	2	2.6	78	100.0

OTL THIS YEAR

T051	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	47	60.3	47	60.3
NOT TAUGHT	31	39.7	78	100.0

WHY NOT OTL

W051	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	33	.	.	.
TAUGHT PRIOR	41	89.1	41	89.1
TEACH LATER	1	2.2	42	91.3
NOT IN CURRIC	1	2.2	43	93.5
OTHER REASONS	3	6.5	46	100.0

APPROPRIATENESS RATING -- ITEM 052

APP052	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-052

E052	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	2	2.6	2	2.6
41 TO 60 PCT	3	3.8	5	6.4
61 TO 94 PCT	19	24.4	24	30.8
VIRTUALLY ALL	54	69.2	78	100.0

OTL THIS YEAR

T052	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	35	44.9	35	44.9
NOT TAUGHT	43	55.1	78	100.0

WHY NOT OTL

W052	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	44	.	.	.
TAUGHT PRIOR	33	94.3	33	94.3
TEACH LATER	1	2.9	34	97.1
OTHER REASONS	1	2.9	35	100.0

APPROPRIATENESS RATING -- ITEM 053

APP053	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-053

E053	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	8	10.3	8	10.3
6 TO 40 PCT	36	46.2	44	56.4
41 TO 60 PCT	23	29.5	67	85.9
61 TO 94 PCT	10	12.8	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T053	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	21	26.9	21	26.9
NOT TAUGHT	57	73.1	78	100.0

WHY NOT OTL

W053	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	58	.	.	.
TAUGHT PRIOR	2	9.5	2	9.5
TEACH LATER	11	52.4	13	61.9
NOT IN CURRIC	3	14.3	16	76.2
OTHER REASONS	5	23.8	21	100.0

APPROPRIATENESS RATING -- ITEM 054

APP054	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-054

E054	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	2	2.6	2	2.6
6 TO 40 PCT	4	5.1	6	7.7
41 TO 60 PCT	20	25.6	26	33.3
61 TO 94 PCT	33	42.3	59	75.6
VIRTUALLY ALL	19	24.4	78	100.0

OTL THIS YEAR

T054	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	57	73.1	57	73.1
NOT TAUGHT	21	26.9	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W054	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	20	.	.	.
TAUGHT PRIOR	56	94.9	56	94.9
NOT IN CURRIC	2	3.4	58	98.3
OTHER REASONS	1	1.7	59	100.0

APPROPRIATENESS RATING -- ITEM 055

APP055	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-055

E055	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	11	14.1	12	15.4
41 TO 60 PCT	26	33.3	38	48.7
61 TO 94 PCT	35	44.9	73	93.6
VIRTUALLY ALL	5	6.4	78	100.0

OTL THIS YEAR

T055	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	15	19.2	15	19.2
NOT TAUGHT	63	80.8	78	100.0

WHY NOT OTL

W055	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	63	.	.	.
TAUGHT PRIOR	16	100.0	16	100.0

APPROPRIATENESS RATING -- ITEM 056

APP056	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-056

E056	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	23	29.5	23	29.5
6 TO 40 PCT	35	44.9	58	74.4
41 TO 60 PCT	18	23.1	76	97.4
61 TO 94 PCT	2	2.6	78	100.0

OTL THIS YEAR

T056	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	44	56.4	44	56.4
NOT TAUGHT	34	43.6	78	100.0

WHY NOT OTL

W056	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	34	.	.	.
TAUGHT PRIOR	12	26.7	12	26.7
TEACH LATER	11	24.4	23	51.1
NOT IN CURRIC	15	33.3	38	84.4
OTHER REASONS	7	15.6	45	100.0

APPROPRIATENESS RATING -- ITEM 057

APP057	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-057

E057	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	3	3.8	3	3.8
6 TO 40 PCT	37	47.4	40	51.3
41 TO 60 PCT	27	34.6	67	85.9
61 TO 94 PCT	10	12.8	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T057	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	6	7.7	6	7.7
NOT TAUGHT	72	92.3	78	100.0

WHY NOT OTL

W057	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	72	.	.	.
TAUGHT PRIOR	4	57.1	4	57.1
TEACH LATER	1	14.3	5	71.4
NOT IN CURRIC	1	14.3	6	85.7
OTHER REASONS	1	14.3	7	100.0

APPROPRIATENESS RATING -- ITEM 058

APP058	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-058

E058	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	15	19.2	15	19.2
41 TO 60 PCT	33	42.3	48	61.5
61 TO 94 PCT	25	32.1	73	93.6
VIRTUALLY ALL	5	6.4	78	100.0

OTL THIS YEAR

T058	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	7	9.0	7	9.0
NOT TAUGHT	71	91.0	78	100.0

WHY NOT OTL

W058	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	72	.	.	.
TAUGHT PRIOR	2	28.6	2	28.6
TEACH LATER	4	57.1	6	85.7
NOT IN CURRIC	1	14.3	7	100.0

APPROPRIATENESS RATING -- ITEM 059

APP059	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-059

E059	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	2	2.6	3	3.8
41 TO 60 PCT	18	23.1	21	26.9
61 TO 94 PCT	28	35.9	49	62.8
VIRTUALLY ALL	29	37.2	78	100.0

OTL THIS YEAR

T059	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	76	97.4	76	97.4
NOT TAUGHT	2	2.6	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W059	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	3	.	.	.
TAUGHT PRIOR	74	97.4	74	97.4
NOT IN CURRIC	1	1.3	75	98.7
OTHER REASONS	1	1.3	76	100.0

APPROPRIATENESS RATING -- ITEM 060

APP060	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-060

E060	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	2	2.6	2	2.6
6 TO 40 PCT	13	16.7	15	19.2
41 TO 60 PCT	28	35.9	43	55.1
61 TO 94 PCT	29	37.2	72	92.3
VIRTUALLY ALL	6	7.7	78	100.0

OTL THIS YEAR

T060	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	75	96.2	75	96.2
NOT TAUGHT	3	3.8	78	100.0

WHY NOT OTL

W060	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	3	.	.	.
TAUGHT PRIOR	68	89.5	68	89.5
NOT IN CURRIC	5	6.6	73	96.1
OTHER REASONS	3	3.9	76	100.0

APPROPRIATENESS RATING -- ITEM 061

APP061	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-061

E061	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
41 TO 60 PCT	2	2.6	2	2.6
61 TO 94 PCT	22	28.2	24	30.8
VIRTUALLY ALL	54	69.2	78	100.0

OTL THIS YEAR

T061	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	72	92.3	72	92.3
NOT TAUGHT	6	7.7	78	100.0

WHY NOT OTL

W061	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	7	.	.	.
TAUGHT PRIOR	72	100.0	72	100.0

APPROPRIATENESS RATING -- ITEM 062

APP062	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-062

E062	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	8	10.3	8	10.3
6 TO 40 PCT	6	7.7	14	17.9
41 TO 60 PCT	23	29.5	37	47.4
61 TO 94 PCT	30	38.5	67	85.9
VIRTUALLY ALL	11	14.1	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

OTL THIS YEAR

T062	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	9	11.5	9	11.5
NOT TAUGHT	69	88.5	78	100.0

WHY NOT OTL

W062	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	70	.	.	.
TEACH LATER	9	100.0	9	100.0

APPROPRIATENESS RATING -- ITEM 063

APP063	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-063

E063	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	3	3.8	3	3.8
6 TO 40 PCT	9	11.5	12	15.4
41 TO 60 PCT	27	34.6	39	50.0
61 TO 94 PCT	22	28.2	61	78.2
VIRTUALLY ALL	17	21.8	78	100.0

OTL THIS YEAR

T063	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	66	84.6	66	84.6
NOT TAUGHT	12	15.4	78	100.0

WHY NOT OTL

W063	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	14	.	.	.
TAUGHT PRIOR	58	89.2	58	89.2
TEACH LATER	1	1.5	59	90.8
NOT IN CURRIC	4	6.2	63	96.9
OTHER REASONS	2	3.1	65	100.0

APPROPRIATENESS RATING -- ITEM 064

APP064	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-064

E064	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	15	19.2	16	20.5
41 TO 60 PCT	28	35.9	44	56.4
61 TO 94 PCT	26	33.3	70	89.7
VIRTUALLY ALL	8	10.3	78	100.0

OTL THIS YEAR

T064	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	78	100.0	78	100.0

WHY NOT OTL

W064	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT PRIOR	70	89.7	70	89.7
NOT IN CURRIC	3	3.8	73	93.6
OTHER REASONS	5	6.4	78	100.0

APPROPRIATENESS RATING -- ITEM 065

APP065	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-065

E065	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	3	3.8	3	3.8
41 TO 60 PCT	16	20.5	19	24.4
61 TO 94 PCT	38	48.7	57	73.1
VIRTUALLY ALL	21	26.9	78	100.0

OTL THIS YEAR

T065	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
NOT TAUGHT	78	100.0	78	100.0

WHY NOT OTL

W065	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	79	.	.	.

APPROPRIATENESS RATING -- ITEM 066

APP066	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-066

E066	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
41 TO 60 PCT	2	2.6	2	2.6
61 TO 94 PCT	29	37.2	31	39.7
VIRTUALLY ALL	47	60.3	78	100.0

OTL THIS YEAR

T066	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	45	57.7	45	57.7
NOT TAUGHT	33	42.3	78	100.0

WHY NOT OTL

W066	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	34	.	.	.
TAUGHT PRIOR	44	97.8	44	97.8
TEACH LATER	1	2.2	45	100.0

APPROPRIATENESS RATING -- ITEM 067

APP067	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-067

E067	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	6	7.7	6	7.7
41 TO 60 PCT	24	30.8	30	38.5
61 TO 94 PCT	42	53.8	72	92.3
VIRTUALLY ALL	6	7.7	78	100.0

OTL THIS YEAR

T067	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	37	47.4	37	47.4
NOT TAUGHT	41	52.6	78	100.0

WHY NOT OTL

W067	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	41	.	.	.
TAUGHT PRIOR	37	97.4	37	97.4
OTHER REASONS	1	2.6	38	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

APPROPRIATENESS RATING -- ITEM 068

APP068	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-068

E068	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	20	25.6	21	26.9
41 TO 60 PCT	33	42.3	54	69.2
61 TO 94 PCT	20	25.6	74	94.9
VIRTUALLY ALL	4	5.1	78	100.0

OTL THIS YEAR

T068	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	70	89.7	70	89.7
NOT TAUGHT	8	10.3	78	100.0

WHY NOT OTL

W068	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	10	.	.	.
TAUGHT PRIOR	62	89.9	62	89.9
TEACH LATER	1	1.4	63	91.3
NOT IN CURRIC	2	2.9	65	94.2
OTHER REASONS	4	5.8	69	100.0

APPROPRIATENESS RATING -- ITEM 069

APP069	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-069

E069	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	19	24.4	19	24.4
41 TO 60 PCT	28	35.9	47	60.3
61 TO 94 PCT	24	30.8	71	91.0
VIRTUALLY ALL	7	9.0	78	100.0

OTL THIS YEAR

T069	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	67	85.9	67	85.9
NOT TAUGHT	11	14.1	78	100.0

WHY NOT OTL

W069	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	11	.	.	.
TAUGHT PRIOR	58	85.3	58	85.3
TEACH LATER	1	1.5	59	86.8
NOT IN CURRIC	5	7.4	64	94.1
OTHER REASONS	4	5.9	68	100.0

APPROPRIATENESS RATING -- ITEM 070

APP070	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-070

E070	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	12	15.4	12	15.4
41 TO 60 PCT	20	25.6	32	41.0
61 TO 94 PCT	29	37.2	61	78.2
VIRTUALLY ALL	17	21.8	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

OTL THIS YEAR

T070	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	59	75.6	59	75.6
NOT TAUGHT	19	24.4	78	100.0

WHY NOT OTL

W070	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	20	.	.	.
TAUGHT PRIOR	52	88.1	52	88.1
TEACH LATER	2	3.4	54	91.5
NOT IN CURRIC	2	3.4	56	94.9
OTHER REASONS	3	5.1	59	100.0

APPROPRIATENESS RATING -- ITEM 071

APP071	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
9	79	100.0	79	100.0

EST % RIGHT-071

E071	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	24	30.8	24	30.8
6 TO 40 PCT	36	46.2	60	76.9
41 TO 60 PCT	16	20.5	76	97.4
61 TO 94 PCT	1	1.3	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T071	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	55	70.5	55	70.5
NOT TAUGHT	23	29.5	78	100.0

WHY NOT OTL

W071	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	23	.	.	.
TAUGHT PRIOR	8	14.3	8	14.3
TEACH LATER	4	7.1	12	21.4
NOT IN CURRIC	30	53.6	42	75.0
OTHER REASONS	14	25.0	56	100.0

APPROPRIATENESS RATING -- ITEM 072

APP072	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-072

E072	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	7	9.0	7	9.0
41 TO 60 PCT	30	38.5	37	47.4
61 TO 94 PCT	35	44.9	72	92.3
VIRTUALLY ALL	6	7.7	78	100.0

OTL THIS YEAR

T072	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	1	1.3	1	1.3
NOT TAUGHT	77	98.7	78	100.0

WHY NOT OTL

W072	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	77	.	.	.
TAUGHT PRIOR	2	100.0	2	100.0

APPROPRIATENESS RATING -- ITEM 073

APP073	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-073

E073	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
VIRTUALLY NONE	2	2.6	2	2.6
6 TO 40 PCT	23	29.9	25	32.5
41 TO 60 PCT	36	46.8	61	79.2
61 TO 94 PCT	16	20.8	77	100.0

OTL THIS YEAR

T073	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
TAUGHT	3	3.9	3	3.9
NOT TAUGHT	74	96.1	77	100.0

WHY NOT OTL

W073	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	76	.	.	.
TEACH LATER	2	66.7	2	66.7
OTHER REASONS	1	33.3	3	100.0

APPROPRIATENESS RATING -- ITEM 074

APP074	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-074

E074	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	3	3.8	3	3.8
6 TO 40 PCT	26	33.3	29	37.2
41 TO 60 PCT	28	35.9	57	73.1
61 TO 94 PCT	17	21.8	74	94.9
VIRTUALLY ALL	4	5.1	78	100.0

OTL THIS YEAR

T074	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	76	97.4	76	97.4
NOT TAUGHT	2	2.6	78	100.0

WHY NOT OTL

W074	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	3	.	.	.
TAUGHT PRIOR	66	86.8	66	86.8
NOT IN CURRIC	6	7.9	72	94.7
OTHER REASONS	4	5.3	76	100.0

APPROPRIATENESS RATING -- ITEM 075

APP075	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-075

E075	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	9	11.5	10	12.8
41 TO 60 PCT	40	51.3	50	64.1
61 TO 94 PCT	24	30.8	74	94.9
VIRTUALLY ALL	4	5.1	78	100.0

OTL THIS YEAR

T075	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	76	97.4	76	97.4
NOT TAUGHT	2	2.6	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W075	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	3	.	.	.
TAUGHT PRIOR	71	93.4	71	93.4
TEACH LATER	1	1.3	72	94.7
NOT IN CURRIC	2	2.6	74	97.4
OTHER REASONS	2	2.6	76	100.0

APPROPRIATENESS RATING -- ITEM 076

APP076	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-076

E076	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
VIRTUALLY NONE	17	22.1	17	22.1
6 TO 40 PCT	34	44.2	51	66.2
41 TO 60 PCT	15	19.5	66	85.7
61 TO 94 PCT	11	14.3	77	100.0

OTL THIS YEAR

T076	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	63	80.8	63	80.8
NOT TAUGHT	15	19.2	78	100.0

WHY NOT OTL

W076	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	16	.	.	.
TAUGHT PRIOR	25	39.7	25	39.7
TEACH LATER	3	4.8	28	44.4
NOT IN CURRIC	24	38.1	52	82.5
OTHER REASONS	11	17.5	63	100.0

APPROPRIATENESS RATING -- ITEM 077

APP077	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-077

E077	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	20	25.6	21	26.9
41 TO 60 PCT	25	32.1	46	59.0
61 TO 94 PCT	23	29.5	69	88.5
VIRTUALLY ALL	9	11.5	78	100.0

OTL THIS YEAR

T077	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
TAUGHT	56	72.7	56	72.7
NOT TAUGHT	21	27.3	77	100.0

WHY NOT OTL

W077	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	21	.	.	.
TAUGHT PRIOR	53	91.4	53	91.4
NOT IN CURRIC	3	5.2	56	96.6
OTHER REASONS	2	3.4	58	100.0

APPROPRIATENESS RATING -- ITEM 078

APP078	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-078

E078	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	13	16.7	14	17.9
41 TO 60 PCT	32	41.0	46	59.0
61 TO 94 PCT	24	30.8	70	89.7
VIRTUALLY ALL	8	10.3	78	100.0

OTL THIS YEAR

T078	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	76	97.4	76	97.4
NOT TAUGHT	2	2.6	78	100.0

WHY NOT OTL

W078	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	3	.	.	.
TAUGHT PRIOR	69	90.8	69	90.8
NOT IN CURRIC	3	3.9	72	94.7
OTHER REASONS	4	5.3	76	100.0

APPROPRIATENESS RATING -- ITEM 079

APP079	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-079

E079	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	9	11.5	9	11.5
41 TO 60 PCT	30	38.5	39	50.0
61 TO 94 PCT	29	37.2	68	87.2
VIRTUALLY ALL	10	12.8	78	100.0

OTL THIS YEAR

T079	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	58	74.4	58	74.4
NOT TAUGHT	20	25.6	78	100.0

WHY NOT OTL

W079	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	21	.	.	.
TAUGHT PRIOR	57	98.3	57	98.3
OTHER REASONS	1	1.7	58	100.0

APPROPRIATENESS RATING -- ITEM 080

APP080	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-080

E080	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	23	29.5	23	29.5
41 TO 60 PCT	37	47.4	60	76.9
61 TO 94 PCT	15	19.2	75	96.2
VIRTUALLY ALL	3	3.8	78	100.0

OTL THIS YEAR

T080	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	43	55.1	43	55.1
NOT TAUGHT	35	44.9	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W080	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	35	.	.	.
TAUGHT PRIOR	37	84.1	37	84.1
NOT IN CURRIC	2	4.5	39	88.6
OTHER REASONS	5	11.4	44	100.0

APPROPRIATENESS RATING -- ITEM 081

APP081	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-081

E081	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	7	9.0	7	9.0
41 TO 60 PCT	20	25.6	27	34.6
61 TO 94 PCT	37	47.4	64	82.1
VIRTUALLY ALL	14	17.9	78	100.0

OTL THIS YEAR

T081	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	21	26.9	21	26.9
NOT TAUGHT	57	73.1	78	100.0

WHY NOT OTL

W081	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	58	.	.	.
TAUGHT PRIOR	21	100.0	21	100.0

APPROPRIATENESS RATING -- ITEM 082

APP082	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-082

E082	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	1	1.3	1	1.3
41 TO 60 PCT	5	6.4	6	7.7
61 TO 94 PCT	27	34.6	33	42.3
VIRTUALLY ALL	45	57.7	78	100.0

OTL THIS YEAR

T082	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	46	59.0	46	59.0
NOT TAUGHT	32	41.0	78	100.0

WHY NOT OTL

W082	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	32	.	.	.
TAUGHT PRIOR	47	100.0	47	100.0

APPROPRIATENESS RATING -- ITEM 083

APP083	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-083

E083	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	1	1.3	1	1.3
41 TO 60 PCT	5	6.4	6	7.7
61 TO 94 PCT	34	43.6	40	51.3
VIRTUALLY ALL	38	48.7	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

OTL THIS YEAR

T083	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	44	56.4	44	56.4
NOT TAUGHT	34	43.6	78	100.0

WHY NOT OTL

W083	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	35	.	.	.
TAUGHT PRIOR	44	100.0	44	100.0

APPROPRIATENESS RATING -- ITEM 084

APP084	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-084

E084	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	5	6.4	5	6.4
41 TO 60 PCT	17	21.8	22	28.2
61 TO 94 PCT	42	53.8	64	82.1
VIRTUALLY ALL	14	17.9	78	100.0

OTL THIS YEAR

T084	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	37	47.4	37	47.4
NOT TAUGHT	41	52.6	78	100.0

WHY NOT OTL

W084	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	42	.	.	.
TAUGHT PRIOR	36	97.3	36	97.3
OTHER REASONS	1	2.7	37	100.0

APPROPRIATENESS RATING -- ITEM 085

APP085	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-085

E085	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	14	17.9	14	17.9
6 TO 40 PCT	38	48.7	52	66.7
41 TO 60 PCT	20	25.6	72	92.3
61 TO 94 PCT	6	7.7	78	100.0

OTL THIS YEAR

T085	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	74	94.9	74	94.9
NOT TAUGHT	4	5.1	78	100.0

WHY NOT OTL

W085	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	5	.	.	.
TAUGHT PRIOR	60	81.1	60	81.1
NOT IN CURRIC	9	12.2	69	93.2
OTHER REASONS	5	6.8	74	100.0

APPROPRIATENESS RATING -- ITEM 086

APP086	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-086

E086	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	5	6.4	5	6.4
41 TO 60 PCT	33	42.3	38	48.7
61 TO 94 PCT	29	37.2	67	85.9
VIRTUALLY ALL	11	14.1	78	100.0

OTL THIS YEAR

T086	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	43	55.1	43	55.1
NOT TAUGHT	35	44.9	78	100.0

WHY NOT OTL

W086	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	34	.	.	.
TAUGHT PRIOR	44	97.8	44	97.8
OTHER REASONS	1	2.2	45	100.0

APPROPRIATENESS RATING -- ITEM 087

APP087	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-087

E087	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	5	6.4	5	6.4
41 TO 60 PCT	15	19.2	20	25.6
61 TO 94 PCT	36	46.2	56	71.8
VIRTUALLY ALL	22	28.2	78	100.0

OTL THIS YEAR

T087	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	25	32.1	25	32.1
NOT TAUGHT	53	67.9	78	100.0

WHY NOT OTL

W087	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	54	.	.	.
TAUGHT PRIOR	25	100.0	25	100.0

APPROPRIATENESS RATING -- ITEM 088

APP088	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-088

E088	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	6	7.7	6	7.7
41 TO 60 PCT	26	33.3	32	41.0
61 TO 94 PCT	33	42.3	65	83.3
VIRTUALLY ALL	13	16.7	78	100.0

OTL THIS YEAR

T088	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	26	33.3	26	33.3
NOT TAUGHT	52	66.7	78	100.0

WHY NOT OTL

W088	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	53	.	.	.
TAUGHT PRIOR	23	88.5	23	88.5
TEACH LATER	2	7.7	25	96.2
NOT IN CURRIC	1	3.8	26	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

APPROPRIATENESS RATING -- ITEM 089

APP089	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-089

E089	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	7	9.0	7	9.0
6 TO 40 PCT	32	41.0	39	50.0
41 TO 60 PCT	32	41.0	71	91.0
61 TO 94 PCT	7	9.0	78	100.0

OTL THIS YEAR

T089	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	76	97.4	76	97.4
NOT TAUGHT	2	2.6	78	100.0

WHY NOT OTL

W089	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	3	.	.	.
TAUGHT PRIOR	59	77.6	59	77.6
NOT IN CURRIC	6	7.9	65	85.5
OTHER REASONS	11	14.5	76	100.0

APPROPRIATENESS RATING -- ITEM 090

APP090	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-090

E090	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	9	11.5	9	11.5
6 TO 40 PCT	23	29.5	32	41.0
41 TO 60 PCT	32	41.0	64	82.1
61 TO 94 PCT	12	15.4	76	97.4
VIRTUALLY ALL	2	2.6	78	100.0

OTL THIS YEAR

T090	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	69	88.5	69	88.5
NOT TAUGHT	9	11.5	78	100.0

WHY NOT OTL

W090	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	9	.	.	.
TAUGHT PRIOR	40	57.1	40	57.1
TEACH LATER	2	2.9	42	60.0
NOT IN CURRIC	20	28.6	62	88.6
OTHER REASONS	8	11.4	70	100.0

APPROPRIATENESS RATING -- ITEM 091

APP091	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-091

E091	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	4	5.1	4	5.1
41 TO 60 PCT	34	43.6	38	48.7
61 TO 94 PCT	32	41.0	70	89.7
VIRTUALLY ALL	8	10.3	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

OTL THIS YEAR

T091	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	39	50.0	39	50.0
NOT TAUGHT	39	50.0	78	100.0

WHY NOT OTL

W091	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	38	.	.	.
TAUGHT PRIOR	41	100.0	41	100.0

APPROPRIATENESS RATING -- ITEM 092

APP092	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-092

E092	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	7	9.0	7	9.0
6 TO 40 PCT	3	3.8	10	12.8
41 TO 60 PCT	9	11.5	19	24.4
61 TO 94 PCT	31	39.7	50	64.1
VIRTUALLY ALL	28	35.9	78	100.0

OTL THIS YEAR

T092	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	8	10.3	8	10.3
NOT TAUGHT	70	89.7	78	100.0

WHY NOT OTL

W092	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	71	.	.	.
TEACH LATER	8	100.0	8	100.0

APPROPRIATENESS RATING -- ITEM 093

APP093	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-093

E093	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	9	11.5	9	11.5
6 TO 40 PCT	9	11.5	18	23.1
41 TO 60 PCT	21	26.9	39	50.0
61 TO 94 PCT	35	44.9	74	94.9
VIRTUALLY ALL	4	5.1	78	100.0

OTL THIS YEAR

T093	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	11	14.1	11	14.1
NOT TAUGHT	67	85.9	78	100.0

WHY NOT OTL

W093	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	68	.	.	.
TEACH LATER	11	100.0	11	100.0

APPROPRIATENESS RATING -- ITEM 094

APP094	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-094

E094	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	2	2.6	2	2.6
6 TO 40 PCT	14	17.9	16	20.5
41 TO 60 PCT	24	30.8	40	51.3
61 TO 94 PCT	26	33.3	66	84.6
VIRTUALLY ALL	12	15.4	78	100.0

OTL THIS YEAR

T094	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	75	96.2	75	96.2
NOT TAUGHT	3	3.8	78	100.0

WHY NOT OTL

W094	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	4	.	.	.
TAUGHT PRIOR	59	78.7	59	78.7
NOT IN CURRIC	11	14.7	70	93.3
OTHER REASONS	5	6.7	75	100.0

APPROPRIATENESS RATING -- ITEM 095

APP095	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-095

E095	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	11	14.1	11	14.1
41 TO 60 PCT	31	39.7	42	53.8
61 TO 94 PCT	27	34.6	69	88.5
VIRTUALLY ALL	9	11.5	78	100.0

OTL THIS YEAR

T095	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	3	3.8	3	3.8
NOT TAUGHT	75	96.2	78	100.0

WHY NOT OTL

W095	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	76	.	.	.
TAUGHT PRIOR	1	33.3	1	33.3
TEACH LATER	1	33.3	2	66.7
NOT IN CURRIC	1	33.3	3	100.0

APPROPRIATENESS RATING -- ITEM 096

APP096	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-096

E096	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	8	10.3	8	10.3
41 TO 60 PCT	36	46.2	44	56.4
61 TO 94 PCT	24	30.8	68	87.2
VIRTUALLY ALL	10	12.8	78	100.0

OTL THIS YEAR

T096	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	49	62.8	49	62.8
NOT TAUGHT	29	37.2	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W096	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
TAUGHT PRIOR	50	100.0	50	100.0

APPROPRIATENESS RATING -- ITEM 097

APP097	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-097

E097	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	3	3.8	3	3.8
6 TO 40 PCT	20	25.6	23	29.5
41 TO 60 PCT	37	47.4	60	76.9
61 TO 94 PCT	16	20.5	76	97.4
VIRTUALLY ALL	2	2.6	78	100.0

OTL THIS YEAR

T097	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
TAUGHT	74	96.1	74	96.1
NOT TAUGHT	3	3.9	77	100.0

WHY NOT OTL

W097	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	5	.	.	.
TAUGHT PRIOR	64	86.5	64	86.5
NOT IN CURRIC	5	6.8	69	93.2
OTHER REASONS	5	6.8	74	100.0

APPROPRIATENESS RATING -- ITEM 098

APP098	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-098

E098	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	4	5.1	4	5.1
6 TO 40 PCT	12	15.4	16	20.5
41 TO 60 PCT	19	24.4	35	44.9
61 TO 94 PCT	30	38.5	65	83.3
VIRTUALLY ALL	13	16.7	78	100.0

OTL THIS YEAR

T098	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	36	46.2	36	46.2
NOT TAUGHT	42	53.8	78	100.0

WHY NOT OTL

W098	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	43	.	.	.
TAUGHT PRIOR	26	72.2	26	72.2
TEACH LATER	8	22.2	34	94.4
NOT IN CURRIC	1	2.8	35	97.2
OTHER REASONS	1	2.8	36	100.0

APPROPRIATENESS RATING -- ITEM 099

APP099	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-099

E099	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	18	23.1	19	24.4
41 TO 60 PCT	23	29.5	42	53.8
61 TO 94 PCT	26	33.3	68	87.2
VIRTUALLY ALL	10	12.8	78	100.0

OTL THIS YEAR

T099	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	75	96.2	75	96.2
NOT TAUGHT	3	3.8	78	100.0

WHY NOT OTL

W099	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	4	.	.	.
TAUGHT PRIOR	72	96.0	72	96.0
TEACH LATER	1	1.3	73	97.3
NOT IN CURRIC	2	2.7	75	100.0

APPROPRIATENESS RATING -- ITEM 100

APP100	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-100

E100	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	31	39.7	31	39.7
6 TO 40 PCT	35	44.9	66	84.6
41 TO 60 PCT	7	9.0	73	93.6
61 TO 94 PCT	4	5.1	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T100	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
TAUGHT	50	64.9	50	64.9
NOT TAUGHT	27	35.1	77	100.0

WHY NOT OTL

W100	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
TAUGHT PRIOR	3	5.7	3	5.7
TEACH LATER	31	58.5	34	64.2
NOT IN CURRIC	11	20.8	45	84.9
OTHER REASONS	8	15.1	53	100.0

APPROPRIATENESS RATING -- ITEM 101

APP101	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-101

E101	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	14	17.9	15	19.2
41 TO 60 PCT	37	47.4	52	66.7
61 TO 94 PCT	24	30.8	76	97.4
VIRTUALLY ALL	2	2.6	78	100.0

OTL THIS YEAR

T101	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	13	16.7	13	16.7
NOT TAUGHT	65	83.3	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W101	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	66	.	.	.
TAUGHT PRIOR	11	84.6	11	84.6
TEACH LATER	2	15.4	13	100.0

APPROPRIATENESS RATING -- ITEM 102

APP102	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-102

E102	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	3	3.8	3	3.8
6 TO 40 PCT	14	17.9	17	21.8
41 TO 60 PCT	44	56.4	61	78.2
61 TO 94 PCT	15	19.2	76	97.4
VIRTUALLY ALL	2	2.6	78	100.0

OTL THIS YEAR

T102	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	12	15.4	12	15.4
NOT TAUGHT	66	84.6	78	100.0

WHY NOT OTL

W102	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	67	.	.	.
TAUGHT PRIOR	9	75.0	9	75.0
TEACH LATER	2	16.7	11	91.7
NOT IN CURRIC	1	8.3	12	100.0

APPROPRIATENESS RATING -- ITEM 103

APP103	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-103

E103	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	3	3.8	3	3.8
41 TO 60 PCT	6	7.7	9	11.5
61 TO 94 PCT	37	47.4	46	59.0
VIRTUALLY ALL	32	41.0	78	100.0

OTL THIS YEAR

T103	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	4	5.1	4	5.1
NOT TAUGHT	74	94.9	78	100.0

WHY NOT OTL

W103	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	74	.	.	.
TAUGHT PRIOR	5	100.0	5	100.0

APPROPRIATENESS RATING -- ITEM 104

APP104	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-104

E104	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	3	3.8	4	5.1
41 TO 60 PCT	10	12.8	14	17.9
61 TO 94 PCT	42	53.8	56	71.8
VIRTUALLY ALL	22	28.2	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

OTL THIS YEAR

T104	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	4	5.1	4	5.1
NOT TAUGHT	74	94.9	78	100.0

WHY NOT OTL

W104	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	73	.	.	.
TAUGHT PRIOR	5	83.3	5	83.3
TEACH LATER	1	16.7	6	100.0

APPROPRIATENESS RATING -- ITEM 105

APP105	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-105

E105	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	8	10.3	8	10.3
6 TO 40 PCT	29	37.2	37	47.4
41 TO 60 PCT	23	29.5	60	76.9
61 TO 94 PCT	15	19.2	75	96.2
VIRTUALLY ALL	3	3.8	78	100.0

OTL THIS YEAR

T105	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	72	92.3	72	92.3
NOT TAUGHT	6	7.7	78	100.0

WHY NOT OTL

W105	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	7	.	.	.
TAUGHT PRIOR	38	52.8	38	52.8
TEACH LATER	1	1.4	39	54.2
NOT IN CURRIC	22	30.6	61	84.7
OTHER REASONS	11	15.3	72	100.0

APPROPRIATENESS RATING -- ITEM 106

APP106	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-106

E106	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	2	2.6	2	2.6
41 TO 60 PCT	10	12.8	12	15.4
61 TO 94 PCT	45	57.7	57	73.1
VIRTUALLY ALL	21	26.9	78	100.0

OTL THIS YEAR

T106	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
NOT TAUGHT	78	100.0	78	100.0

WHY NOT OTL

W106	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	79	.	.	.

APPROPRIATENESS RATING -- ITEM 107

APP107	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-107

E107	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
6 TO 40 PCT	3	3.9	3	3.9
41 TO 60 PCT	31	40.3	34	44.2
61 TO 94 PCT	38	49.4	72	93.5
VIRTUALLY ALL	5	6.5	77	100.0

OTL THIS YEAR

T107	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
TAUGHT	1	1.3	1	1.3
NOT TAUGHT	76	98.7	77	100.0

WHY NOT OTL

W107	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	78	.	.	.
TAUGHT PRIOR	1	100.0	1	100.0

APPROPRIATENESS RATING -- ITEM 108

APP108	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-108

E108	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	10	12.8	10	12.8
6 TO 40 PCT	39	50.0	49	62.8
41 TO 60 PCT	19	24.4	68	87.2
61 TO 94 PCT	7	9.0	75	96.2
VIRTUALLY ALL	3	3.8	78	100.0

OTL THIS YEAR

T108	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	20	25.6	20	25.6
NOT TAUGHT	58	74.4	78	100.0

WHY NOT OTL

W108	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	59	.	.	.
TAUGHT PRIOR	13	65.0	13	65.0
NOT IN CURRIC	5	25.0	18	90.0
OTHER REASONS	2	10.0	20	100.0

APPROPRIATENESS RATING -- ITEM 109

APP109	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-109

E109	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	19	24.4	20	25.6
41 TO 60 PCT	35	44.9	55	70.5
61 TO 94 PCT	22	28.2	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T109	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	11	14.1	11	14.1
NOT TAUGHT	67	85.9	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W109	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	68	.	.	.
TAUGHT PRIOR	6	54.5	6	54.5
TEACH LATER	5	45.5	11	100.0

APPROPRIATENESS RATING -- ITEM 110

APP110	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-110

E110	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	3	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	22	28.9	23	30.3
41 TO 60 PCT	29	38.2	52	68.4
61 TO 94 PCT	20	26.3	72	94.7
VIRTUALLY ALL	4	5.3	76	100.0

OTL THIS YEAR

T110	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	3	.	.	.
TAUGHT	15	19.7	15	19.7
NOT TAUGHT	61	80.3	76	100.0

WHY NOT OTL

W110	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	63	.	.	.
TAUGHT PRIOR	11	68.8	11	68.8
TEACH LATER	5	31.3	16	100.0

APPROPRIATENESS RATING -- ITEM 111

APP111	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-111

E111	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	12	15.4	12	15.4
6 TO 40 PCT	41	52.6	53	67.9
41 TO 60 PCT	23	29.5	76	97.4
61 TO 94 PCT	2	2.6	78	100.0

OTL THIS YEAR

T111	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	24	30.8	24	30.8
NOT TAUGHT	54	69.2	78	100.0

WHY NOT OTL

W111	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	54	.	.	.
TAUGHT PRIOR	14	56.0	14	56.0
TEACH LATER	2	8.0	16	64.0
NOT IN CURRIC	3	12.0	19	76.0
OTHER REASONS	6	24.0	25	100.0

APPROPRIATENESS RATING -- ITEM 112

APP112	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-112

E112	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	4	5.1	4	5.1
41 TO 60 PCT	22	28.2	26	33.3
61 TO 94 PCT	42	53.8	68	87.2
VIRTUALLY ALL	10	12.8	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

OTL THIS YEAR

T112	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	2	2.6	2	2.6
NOT TAUGHT	76	97.4	78	100.0

WHY NOT OTL

W112	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	75	.	.	.
TAUGHT PRIOR	3	75.0	3	75.0
TEACH LATER	1	25.0	4	100.0

APPROPRIATENESS RATING -- ITEM 113

APP113	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-113

E113	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	4	5.1	4	5.1
41 TO 60 PCT	25	32.1	29	37.2
61 TO 94 PCT	40	51.3	69	88.5
VIRTUALLY ALL	9	11.5	78	100.0

OTL THIS YEAR

T113	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	4	5.1	4	5.1
NOT TAUGHT	74	94.9	78	100.0

WHY NOT OTL

W113	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	73	.	.	.
TAUGHT PRIOR	6	100.0	6	100.0

APPROPRIATENESS RATING -- ITEM 114

APP114	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-114

E114	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	9	11.5	9	11.5
6 TO 40 PCT	31	39.7	40	51.3
41 TO 60 PCT	30	38.5	70	89.7
61 TO 94 PCT	7	9.0	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T114	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	7	9.0	7	9.0
NOT TAUGHT	71	91.0	78	100.0

WHY NOT OTL

W114	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	72	.	.	.
TAUGHT PRIOR	1	14.3	1	14.3
TEACH LATER	2	28.6	3	42.9
NOT IN CURRIC	2	28.6	5	71.4
OTHER REASONS	2	28.6	7	100.0

APPROPRIATENESS RATING -- ITEM 115

APP115	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-115

E115	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
6 TO 40 PCT	7	9.0	7	9.0
41 TO 60 PCT	36	46.2	43	55.1
61 TO 94 PCT	27	34.6	70	89.7
VIRTUALLY ALL	8	10.3	78	100.0

OTL THIS YEAR

T115	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	10	12.8	10	12.8
NOT TAUGHT	68	87.2	78	100.0

WHY NOT OTL

W115	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	68	.	.	.
TAUGHT PRIOR	8	72.7	8	72.7
TEACH LATER	3	27.3	11	100.0

APPROPRIATENESS RATING -- ITEM 116

APP116	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-116

E116	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	1	1.3	1	1.3
6 TO 40 PCT	25	32.1	26	33.3
41 TO 60 PCT	37	47.4	63	80.8
61 TO 94 PCT	13	16.7	76	97.4
VIRTUALLY ALL	2	2.6	78	100.0

OTL THIS YEAR

T116	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	2	2.6	2	2.6
NOT TAUGHT	76	97.4	78	100.0

WHY NOT OTL

W116	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	76	.	.	.
TAUGHT PRIOR	1	33.3	1	33.3
TEACH LATER	1	33.3	2	66.7
NOT IN CURRIC	1	33.3	3	100.0

APPROPRIATENESS RATING -- ITEM 117

APP117	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-117

E117	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	4	.	.	.
VIRTUALLY NONE	2	2.7	2	2.7
6 TO 40 PCT	15	20.0	17	22.7
41 TO 60 PCT	40	53.3	57	76.0
61 TO 94 PCT	14	18.7	71	94.7
VIRTUALLY ALL	4	5.3	75	100.0

OTL THIS YEAR

T117	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	4	.	.	.
TAUGHT	6	8.0	6	8.0
NOT TAUGHT	69	92.0	75	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W117	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	73	.	.	.
TAUGHT PRIOR	4	66.7	4	66.7
NOT IN CURRIC	2	33.3	6	100.0

APPROPRIATENESS RATING -- ITEM 118

APP118	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-118

E118	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	2	2.6	2	2.6
6 TO 40 PCT	5	6.4	7	9.0
41 TO 60 PCT	29	37.2	36	46.2
61 TO 94 PCT	33	42.3	69	88.5
VIRTUALLY ALL	9	11.5	78	100.0

OTL THIS YEAR

T118	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	2	2.6	2	2.6
NOT TAUGHT	76	97.4	78	100.0

WHY NOT OTL

W118	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	77	.	.	.
NOT IN CURRIC	2	100.0	2	100.0

APPROPRIATENESS RATING -- ITEM 119

APP119	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-119

E119	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	2	2.6	2	2.6
6 TO 40 PCT	19	24.4	21	26.9
41 TO 60 PCT	34	43.6	55	70.5
61 TO 94 PCT	22	28.2	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T119	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	2	2.6	2	2.6
NOT TAUGHT	76	97.4	78	100.0

WHY NOT OTL

W119	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	77	.	.	.
TEACH LATER	1	50.0	1	50.0
OTHER REASONS	1	50.0	2	100.0

APPROPRIATENESS RATING -- ITEM 120

APP120	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
HIGHLY APPROPRIA	79	100.0	79	100.0

EST % RIGHT-120

E120	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	6	7.7	6	7.7
6 TO 40 PCT	29	37.2	35	44.9
41 TO 60 PCT	33	42.3	68	87.2
61 TO 94 PCT	10	12.8	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

OTL THIS YEAR

T120	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	8	10.3	8	10.3
NOT TAUGHT	70	89.7	78	100.0

WHY NOT OTL

W120	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	71	.	.	.
TAUGHT PRIOR	3	37.5	3	37.5
TEACH LATER	5	62.5	8	100.0

APPROPRIATENESS RATING -- ITEM 121

APP121	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
INAPPROPRIATE	79	100.0	79	100.0

EST % RIGHT-121

E121	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	24	30.8	24	30.8
6 TO 40 PCT	30	38.5	54	69.2
41 TO 60 PCT	11	14.1	65	83.3
61 TO 94 PCT	10	12.8	75	96.2
VIRTUALLY ALL	3	3.8	78	100.0

OTL THIS YEAR

T121	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	68	87.2	68	87.2
NOT TAUGHT	10	12.8	78	100.0

WHY NOT OTL

W121	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	12	.	.	.
TAUGHT PRIOR	20	29.9	20	29.9
TEACH LATER	1	1.5	21	31.3
NOT IN CURRIC	39	58.2	60	89.6
OTHER REASONS	7	10.4	67	100.0

APPROPRIATENESS RATING -- ITEM 122

APP122	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-122

E122	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	3	3.8	3	3.8
6 TO 40 PCT	26	33.3	29	37.2
41 TO 60 PCT	33	42.3	62	79.5
61 TO 94 PCT	15	19.2	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T122	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	16	20.5	16	20.5
NOT TAUGHT	62	79.5	78	100.0

WHY NOT OTL

W122	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	63	.	.	.
TAUGHT PRIOR	8	50.0	8	50.0
TEACH LATER	5	31.3	13	81.3
NOT IN CURRIC	2	12.5	15	93.8
OTHER REASONS	1	6.3	16	100.0

NEW ZEALAND — POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

APPROPRIATENESS RATING — ITEM 123

APP123	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
INAPPROPRIATE	79	100.0	79	100.0

EST % RIGHT-123

E123	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	38	48.7	38	48.7
6 TO 40 PCT	30	38.5	68	87.2
41 TO 60 PCT	6	7.7	74	94.9
61 TO 94 PCT	4	5.1	78	100.0

OTL THIS YEAR

T123	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	47	60.3	47	60.3
NOT TAUGHT	31	39.7	78	100.0

WHY NOT OTL

W123	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	31	.	.	.
TEACH LATER	13	27.1	13	27.1
NOT IN CURRIC	30	62.5	43	89.6
OTHER REASONS	5	10.4	48	100.0

APPROPRIATENESS RATING — ITEM 124

APP124	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-124

E124	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	11	14.1	11	14.1
6 TO 40 PCT	27	34.6	38	48.7
41 TO 60 PCT	24	30.8	62	79.5
61 TO 94 PCT	15	19.2	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T124	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	20	25.6	20	25.6
NOT TAUGHT	58	74.4	78	100.0

WHY NOT OTL

W124	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	59	.	.	.
TEACH LATER	16	80.0	16	80.0
NOT IN CURRIC	3	15.0	19	95.0
OTHER REASONS	1	5.0	20	100.0

APPROPRIATENESS RATING — ITEM 125

APP125	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-125

E125	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	18	23.1	18	23.1
6 TO 40 PCT	30	38.5	48	61.5
41 TO 60 PCT	25	32.1	73	93.6
61 TO 94 PCT	5	6.4	78	100.0

OTL THIS YEAR

T125	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	65	83.3	65	83.3
NOT TAUGHT	13	16.7	78	100.0

NEW ZEALAND — POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W125	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	14	.	.	.
TAUGHT PRIOR	28	43.1	28	43.1
TEACH LATER	2	3.1	30	46.2
NOT IN CURRIC	25	38.5	55	84.6
OTHER REASONS	10	15.4	65	100.0

APPROPRIATENESS RATING — ITEM 126

APP126	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-126

E126	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	25	32.1	25	32.1
6 TO 40 PCT	38	48.7	63	80.8
41 TO 60 PCT	15	19.2	78	100.0

OTL THIS YEAR

T126	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	47	60.3	47	60.3
NOT TAUGHT	31	39.7	78	100.0

WHY NOT OTL

W126	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	33	.	.	.
TAUGHT PRIOR	1	2.2	1	2.2
TEACH LATER	25	54.3	26	56.5
NOT IN CURRIC	15	32.6	41	89.1
OTHER REASONS	5	10.9	46	100.0

APPROPRIATENESS RATING — ITEM 127

APP127	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
INAPPROPRIATE	79	100.0	79	100.0

EST % RIGHT-127

E127	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	20	25.6	20	25.6
6 TO 40 PCT	36	46.2	56	71.8
41 TO 60 PCT	17	21.8	73	93.6
61 TO 94 PCT	5	6.4	78	100.0

OTL THIS YEAR

T127	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	53	67.9	53	67.9
NOT TAUGHT	25	32.1	78	100.0

WHY NOT OTL

W127	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
TAUGHT PRIOR	12	22.6	12	22.6
TEACH LATER	5	9.4	17	32.1
NOT IN CURRIC	20	37.7	37	69.8
OTHER REASONS	16	30.2	53	100.0

APPROPRIATENESS RATING — ITEM 128

APP128	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
INAPPROPRIATE	79	100.0	79	100.0

NEW ZEALAND — POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-128

E128	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	20	25.6	20	25.6
6 TO 40 PCT	35	44.9	55	70.5
41 TO 60 PCT	16	20.5	71	91.0
61 TO 94 PCT	3	3.8	74	94.9
VIRTUALLY ALL	4	5.1	78	100.0

OTL THIS YEAR

T128	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	75	96.2	75	96.2
NOT TAUGHT	3	3.8	78	100.0

WHY NOT OTL

W128	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	5	.	.	.
TAUGHT PRIOR	56	75.7	56	75.7
TEACH LATER	1	1.4	57	77.0
NOT IN CURRIC	12	16.2	69	93.2
OTHER REASONS	5	6.8	74	100.0

APPROPRIATENESS RATING — ITEM 129

APP129	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-129

E129	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	16	20.5	16	20.5
6 TO 40 PCT	45	57.7	61	78.2
41 TO 60 PCT	12	15.4	73	93.6
61 TO 94 PCT	5	6.4	78	100.0

OTL THIS YEAR

T129	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
TAUGHT	67	87.0	67	87.0
NOT TAUGHT	10	13.0	77	100.0

WHY NOT OTL

W129	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	12	.	.	.
TAUGHT PRIOR	19	28.4	19	28.4
TEACH LATER	1	1.5	20	29.9
NOT IN CURRIC	33	49.3	53	79.1
OTHER REASONS	14	20.9	67	100.0

APPROPRIATENESS RATING — ITEM 130

APP130	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
INAPPROPRIATE	79	100.0	79	100.0

EST % RIGHT-130

E130	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	28	35.9	28	35.9
6 TO 40 PCT	29	37.2	57	73.1
41 TO 60 PCT	17	21.8	74	94.9
61 TO 94 PCT	3	3.8	77	98.7
VIRTUALLY ALL	1	1.3	78	100.0

OTL THIS YEAR

T130	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	76	97.4	76	97.4
NOT TAUGHT	2	2.6	78	100.0

NEW ZEALAND — POPULATION B
APPROPRIATENESS. TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W130	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	5	.	.	.
TAUGHT PRIOR	49	66.2	49	66.2
TEACH LATER	6	8.1	55	74.3
NOT IN CURRIC	15	20.3	70	94.6
OTHER REASONS	4	5.4	74	100.0

APPROPRIATENESS RATING — ITEM 131

APP131	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-131

E131	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	42	53.8	42	53.8
6 TO 40 PCT	25	32.1	67	85.9
41 TO 60 PCT	8	10.3	75	96.2
61 TO 94 PCT	3	3.8	78	100.0

OTL THIS YEAR

T131	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	55	70.5	55	70.5
NOT TAUGHT	23	29.5	78	100.0

WHY NOT OTL

W131	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	23	.	.	.
TAUGHT PRIOR	6	10.7	6	10.7
TEACH LATER	23	41.1	29	51.8
NOT IN CURRIC	25	44.6	54	96.4
OTHER REASONS	2	3.6	56	100.0

APPROPRIATENESS RATING — ITEM 132

APP132	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
INAPPROPRIATE	79	100.0	79	100.0

EST % RIGHT-132

E132	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	47	60.3	47	60.3
6 TO 40 PCT	19	24.4	66	84.6
41 TO 60 PCT	11	14.1	77	98.7
61 TO 94 PCT	1	1.3	78	100.0

OTL THIS YEAR

T132	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	54	69.2	54	69.2
NOT TAUGHT	24	30.8	78	100.0

WHY NOT OTL

W132	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	23	.	.	.
TAUGHT PRIOR	1	1.8	1	1.8
TEACH LATER	12	21.4	13	23.2
NOT IN CURRIC	35	62.5	48	85.7
OTHER REASONS	8	14.3	56	100.0

APPROPRIATENESS RATING — ITEM 133

APP133	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

EST % RIGHT-133

E133	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	25	32.1	25	32.1
6 TO 40 PCT	24	30.8	49	62.8
41 TO 60 PCT	19	24.4	68	87.2
61 TO 94 PCT	8	10.3	76	97.4
VIRTUALLY ALL	2	2.6	78	100.0

OTL THIS YEAR

T133	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	58	74.4	58	74.4
NOT TAUGHT	20	25.6	78	100.0

WHY NOT OTL

W133	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	21	.	.	.
TAUGHT PRIOR	17	29.3	17	29.3
TEACH LATER	10	17.2	27	46.6
NOT IN CURRIC	20	34.5	47	81.0
OTHER REASONS	11	19.0	58	100.0

APPROPRIATENESS RATING -- ITEM 134

APP134	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
INAPPROPRIATE	79	100.0	79	100.0

EST % RIGHT-134

E134	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	26	33.3	26	33.3
6 TO 40 PCT	31	39.7	57	73.1
41 TO 60 PCT	17	21.8	74	94.9
61 TO 94 PCT	4	5.1	78	100.0

OTL THIS YEAR

T134	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	71	91.0	71	91.0
NOT TAUGHT	7	9.0	78	100.0

WHY NOT OTL

W134	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	7	.	.	.
TAUGHT PRIOR	28	38.9	28	38.9
TEACH LATER	13	18.1	41	56.9
NOT IN CURRIC	21	29.2	62	86.1
OTHER REASONS	10	13.9	72	100.0

APPROPRIATENESS RATING -- ITEM 135

APP135	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
APPROPRIATE	79	100.0	79	100.0

EST % RIGHT-135

E135	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VIRTUALLY NONE	14	17.9	14	17.9
6 TO 40 PCT	17	21.8	31	39.7
41 TO 60 PCT	33	42.3	64	82.1
61 TO 94 PCT	14	17.9	78	100.0

OTL THIS YEAR

T135	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	13	16.7	13	16.7
NOT TAUGHT	65	83.3	78	100.0

NEW ZEALAND -- POPULATION B
APPROPRIATENESS, TEACHER ESTIMATED DIFFICULTY AND OTL

WHY NOT OTL

W135	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	65	.	.	.
TEACH LATER	14	100.0	14	100.0

APPROPRIATENESS RATING -- ITEM 136

APP136	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
INAPPROPRIATE	79	100.0	79	100.0

EST % RIGHT-136

E136	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
VIRTUALLY NONE	69	89.6	69	89.6
6 TO 40 PCT	7	9.1	76	98.7
VIRTUALLY ALL	1	1.3	77	100.0

OTL THIS YEAR

T136	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TAUGHT	77	98.7	77	98.7
NOT TAUGHT	1	1.3	78	100.0

WHY NOT OTL

W136	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
TEACH LATER	6	7.8	6	7.8
NOT IN CURRIC	67	87.0	73	94.8
OTHER REASONS	4	5.2	77	100.0

School Questionnaire

NEW ZELAND -- POPULATION B
SCHOOL QUESTIONNAIRE

Q1:KIND OF COMMUNITY SERVED BY SCHOOL

SAREA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
RURAL	12	15.2	12	15.2
SUBURBAN	22	27.8	34	43.0
URBAN	15	19.0	49	62.0
URBAN-SUBURBAN	29	36.7	78	98.7
CITY	1	1.3	79	100.0

Q2:BOYS..TOTAL ENROLMENT IN SCHOOL

SENROLB	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
0	12	15.2	12	15.2
101-199	1	1.3	13	16.5
200-299	2	2.5	15	19.0
300-399	15	19.0	30	38.0
400-499	7	8.9	37	46.8
500-599	7	8.9	44	55.7
600-699	18	22.8	62	78.5
700-799	4	5.1	66	83.5
800-899	3	3.8	69	87.3
900-999	2	2.5	71	89.9
>1000	8	10.1	79	100.0

Q2:GIRLS..TOTAL ENROLMENT IN SCHOOL

SENROLG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
0	23	29.1	23	29.1
<100	1	1.3	24	30.4
101-199	3	3.8	27	34.2
200-299	3	3.8	30	38.0
300-399	14	17.7	44	55.7
400-499	6	7.6	50	63.3
500-599	8	10.1	58	73.4
600-699	11	13.9	69	87.3
700-799	3	3.8	72	91.1
800-899	2	2.5	74	93.7
900-999	3	3.8	77	97.5
>1000	2	2.5	79	100.0

Q2:TOTAL STUDENTS

SENROLT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
101-199	1	1.3	1	1.3
200-299	2	2.5	3	3.8
300-399	5	6.3	8	10.1
500-599	4	5.1	12	15.2
600-699	9	11.4	21	26.6
700-799	12	15.2	33	41.8
800-899	6	7.6	39	49.4
900-999	10	12.7	49	62.0
>1000	30	38.0	79	100.0

Q3A:BOYS..POP B STUDENTS IN SCHOOL

SBPOPB	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
0	12	15.2	12	15.2
<50	58	73.4	70	88.6
51-100	8	10.1	78	98.7
>100	1	1.3	79	100.0

Q3A:NUMBER OF FEMALE STUDENTS

SBPOPG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
0	23	29.1	23	29.1
<50	56	70.9	79	100.0

Q3A:TOTAL POPULATION STUDENTS

SBPOPT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
<50	68	86.1	68	86.1
51-100	10	12.7	78	98.7
>100	1	1.3	79	100.0

NEW ZELAND -- POPULATION B
SCHOOL QUESTIONNAIRE

SNOMTHB	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
0	16	20.3	16	20.3
1	9	11.4	25	31.6
2	6	7.6	31	39.2
3	7	8.9	38	48.1
4	6	7.6	44	55.7
5	5	6.3	49	62.0
6	3	3.8	52	65.8
7	3	3.8	55	69.6
8	2	2.5	57	72.2
9	2	2.5	59	74.7
10	1	1.3	60	75.9
12	1	1.3	61	77.2
13	2	2.5	63	79.7
14	2	2.5	65	82.3
15	3	3.8	68	86.1
16	4	5.1	72	91.1
17	2	2.5	74	93.7
18	1	1.3	75	94.9
20	1	1.3	76	96.2
29	1	1.3	77	97.5
32	1	1.3	78	98.7
55	1	1.3	79	100.0

SNOMTHG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
0	24	30.4	24	30.4
1	3	3.8	27	34.2
2	2	2.5	29	36.7
3	4	5.1	33	41.8
4	3	3.8	36	45.6
5	8	10.1	44	55.7
6	4	5.1	48	60.8
7	3	3.8	51	64.6
8	5	6.3	56	70.9
9	3	3.8	59	74.7
10	2	2.5	61	77.2
11	2	2.5	63	79.7
13	2	2.5	65	82.3
14	1	1.3	66	83.5
15	1	1.3	67	84.8
16	2	2.5	69	87.3
17	2	2.5	71	89.9
18	1	1.3	72	91.1
19	1	1.3	73	92.4
27	1	1.3	74	93.7
29	1	1.3	75	94.9
30	1	1.3	76	96.2
32	1	1.3	77	97.5
47	1	1.3	78	98.7
53	1	1.3	79	100.0

SNOMTHT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
0	1	1.3	1	1.3
1	2	2.5	3	3.8
2	2	2.5	5	6.3
3	4	5.1	9	11.4
4	3	3.8	12	15.2
5	3	3.8	15	19.0
6	5	6.3	20	25.3
7	3	3.8	23	29.1
8	5	6.3	28	35.4
9	4	5.1	32	40.5
10	5	6.3	37	46.8
11	2	2.5	39	49.4
12	1	1.3	40	50.6
13	3	3.8	43	54.4
14	6	7.6	49	62.0
15	5	6.3	54	68.4
16	3	3.8	57	72.2
17	2	2.5	59	74.7
18	3	3.8	62	78.5
19	2	2.5	64	81.0
20	3	3.8	67	84.8
21	1	1.3	68	86.1
27	1	1.3	69	87.3
29	1	1.3	70	88.6
30	2	2.5	72	91.1
32	3	3.8	75	94.9
33	1	1.3	76	96.2
53	1	1.3	77	97.5
55	1	1.3	78	98.7
76	1	1.3	79	100.0

Q4:NUMBER OF FULL-TIME TEACHING STAFF

STCHS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
<10	2	2.5	2	2.5
11-20	4	5.1	6	7.6
21-30	5	6.3	11	13.9
31-40	18	22.8	29	36.7
41-39	15	19.0	44	55.7
>50	35	44.3	79	100.0

Q5:MALES..TEACHING ONE OR MORE MATH

SSOMMM	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NONE	1	1.3	1	1.3
1 TO 5	22	27.8	23	29.1
6 TO 10	43	54.4	66	83.5
11 OR MORE	13	16.5	79	100.0

NEW ZELAND -- POPULATION B
SCHOOL QUESTIONNAIRE

Q5:FEMALES..TEACHING ONE OR MORE MATH

SSOMMF	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NONE	9	11.4	9	11.4
1 TO 5	58	73.4	67	84.8
6 TO 10	10	12.7	77	97.5
11 OR MORE	2	2.5	79	100.0

Q5:TOTAL..TEACHING ONE OR MORE MATH

SSOMMT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
1 TO 5	5	6.3	5	6.3
6 TO 10	36	45.6	41	51.9
11 OR MORE	38	48.1	79	100.0

Q6:MALES..TEACHING MATH EXCLUSIVELY

SALLMM	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NONE	7	8.9	7	8.9
1 TO 5	59	74.7	66	83.5
6 TO 10	12	15.2	78	98.7
11 OR MORE	1	1.3	79	100.0

Q6:FEMALES..TEACHING MATH EXCLUSIVELY

SALLMF	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NONE	29	36.7	29	36.7
1 TO 5	47	59.5	76	96.2
6 TO 10	3	3.8	79	100.0

Q6: TOTAL..TEACHING MATH EXCLUSIVELY

SALLMT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NONE	3	3.8	3	3.8
1 TO 5	48	60.8	51	64.6
6 TO 10	25	31.6	76	96.2
11 OR MORE	3	3.8	79	100.0

Q7:MALES..QUALIFIED MATH SPECIALISTS

SSPECM	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NONE	12	15.2	12	15.2
1 TO 5	65	82.3	77	97.5
6 TO 10	2	2.5	79	100.0

Q7:FEMALES..QUALIFIED MATH SPECIALISTS

SSPECF	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NONE	55	69.6	55	69.6
1 TO 5	24	30.4	79	100.0

Q7:TOTAL..QUALIFIED MATH SPECIALISTS

SSPECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NONE	4	5.1	4	5.1
1 TO 5	73	92.4	77	97.5
6 TO 10	1	1.3	78	98.7
11 OR MORE	1	1.3	79	100.0

Q8:OFFICIAL SCHOOL DAYS PER YEAR

SDAYSYR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
177	1	1.3	1	1.3
186	1	1.3	2	2.6
190	70	89.7	72	92.3
191	1	1.3	73	93.6
192	1	1.3	74	94.9
193	1	1.3	75	96.2
194	1	1.3	76	97.4
195	1	1.3	77	98.7
219	1	1.3	78	100.0

Q9:NUMBER OF PERIODS PER SCHOOL DAY

SSCHPER	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
5	52	65.8	52	65.8
6	10	12.7	62	78.5
7	16	20.3	78	98.7
8	1	1.3	79	100.0

NEW ZELAND -- POPULATION B
SCHOOL QUESTIONNAIRE

Q10:AVRGE LENGTH OF PERIODS/MINUTES

SPERLEN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
40	7	8.9	7	8.9
42	2	2.5	9	11.4
43	3	3.8	12	15.2
45	5	6.3	17	21.5
50	9	11.4	26	32.9
52	1	1.3	27	34.2
55	4	5.1	31	39.2
60	48	60.8	79	100.0

Q11:WHICH SUBJECTS CALCULAT ENCOURAGE

SCALSUB	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NONE	1	1.3	1	1.3
MATH ONLY	12	15.2	13	16.5
MATH AND SCIENCE	19	24.1	32	40.5
ALL SUBJECTS	47	59.5	79	100.0

Q12:FREQUENCY MEETINGS MATH TEACHERS

SMEET	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
LESS THAN 1	4	5.1	4	5.1
ONCE PER TERM	27	34.2	31	39.2
1 PER MONTH	36	45.6	67	84.8
1 EVERY 2 WEEKS	6	7.6	73	92.4
1 PER WEEK	6	7.6	79	100.0

Q13:ACTIVITIES MATH TEACHER MEETING

SDOWHAT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
ORGANIZE	61	77.2	61	77.2
CONTENT TEACHING	12	15.2	73	92.4
STRATEGIES	3	3.8	76	96.2
DEVELOP OF STAFF	3	3.8	79	100.0

Q14:POLICY ON FOUR FUNCTION CALCULATOR

SPOLFF	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO POLICY	13	16.5	13	16.5
STUDENTS MAY USE	55	69.6	68	86.1
RARE USAGE	3	3.8	71	89.9
FREQUENT USE	6	7.6	77	97.5
CALC NOT AVAILBL	2	2.5	79	100.0

Q15:POLICY ON PROGRAMMED CALCULATOR

SPOLPP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO POLICY	18	22.8	18	22.8
STUDENTS MAY USE	52	65.8	70	88.6
RARE USAGE	3	3.8	73	92.4
FREQUENT USE	3	3.8	76	96.2
CALC NOT AVAILBL	3	3.8	79	100.0

Q16:SETTING OR STREAMING POP B MATH

SSTREAM	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
ALL HOMOGENEOUS	30	38.0	30	38.0
SOME HOMOGENEOUS	49	62.0	79	100.0

Q17:DIFFERENT CURRICULUM BOYS/GIRLS

SBGMATH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
ALL TOGETHER	43	54.4	43	54.4
QUESTION INAPPRO	36	45.6	79	100.0

Teacher Questionnaire

NEW ZELAND — POPULATION B
TEACHER QUESTIONNAIRE

Q1:YOUR SEX

TSEX	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
FEMALE	18	23.1	18	23.1
MALE	60	76.9	78	100.0

Q2:YOUR AGE IN YEARS

TAGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
20 TO 25	7	9.0	7	9.0
26 TO 30	11	14.1	18	23.1
31 TO 35	19	24.4	37	47.4
36 TO 40	13	16.7	50	64.1
40 TO 45	14	17.9	64	82.1
46 TO 50	10	12.8	74	94.9
51 TO 60	3	3.8	77	98.7
OVER 61	1	1.3	78	100.0

Q3:YEARS OF EXPERIENCE AS A TEACHER

TEXPTCH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
LESS THAN 5 YEAR	16	20.5	16	20.5
6 TO 10 YEARS	23	29.5	39	50.0
11 TO 15 YEARS	16	20.5	55	70.5
16 TO 20 YEARS	8	10.3	63	80.8
OVER 20 YEARS	15	19.2	78	100.0

Q4:YEARS TEACHING MATH TO POP B

TEXPMTH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
LESS THAN 5 YEAR	46	59.0	46	59.0
6 TO 10 YEARS	17	21.8	63	80.8
11 TO 15 YEARS	6	7.7	69	88.5
16 TO 20 YEARS	2	2.6	71	91.0
OVER 20 YEARS	7	9.0	78	100.0

Q5:SEMESTERS POSTSEC MATH

TEDMATH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
0	1	1.3	1	1.3
2	2	2.6	3	3.8
3	2	2.6	5	6.4
4	12	15.4	17	21.8
5	1	1.3	18	23.1
6	33	42.3	51	65.4
8	23	29.5	74	94.9
10	1	1.3	75	96.2
12	2	2.6	77	98.7
16	1	1.3	78	100.0

Q6:SEMESTERS POSTSEC MATH PEDAGOGY

TEDMED	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
0	15	19.2	15	19.2
1	11	14.1	26	33.3
2	49	62.8	75	96.2
3	1	1.3	76	97.4
4	2	2.6	78	100.0

Q7:SEMESTERS POSTSEC GENERAL PEDAGOGY

TEDGED	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	18	23.7	18	23.7
1	14	18.4	32	42.1
2	31	40.8	63	82.9
3	3	3.9	66	86.8
4	3	3.9	69	90.8
5	1	1.3	70	92.1
6	1	1.3	71	93.4
7	1	1.3	72	94.7
8	4	5.3	76	100.0

Q8:TOTAL NUMBER OF TEACHING PERIODS

THRSTCH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
1 TO 10	1	1.3	1	1.3
11 TO 20	33	42.3	34	43.6
21 TO 30	39	50.0	73	93.6
31 OR MORE	5	6.4	78	100.0

NEW ZELAND -- POPULATION B
TEACHER QUESTIONNAIRE

Q9:PERIODS PER WEEK TEACHING MATH

THRSMTH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
1 TO 10	5	6.4	5	6.4
11 TO 20	38	48.7	43	55.1
21 TO 30	32	41.0	75	96.2
31 OR MORE	3	3.8	78	100.0

Q10:ALSO TEACHER OF SCIENCE

TSCITCH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
YES	16	20.5	16	20.5
NO	62	79.5	78	100.0

Q10:ALSO TEACHER IN OTHER AREAS

TOTHTCH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
YES	13	16.9	13	16.9
NO	64	83.1	77	100.0

Q10:ALSO HEAD MATH DEPARTMNT

THOD	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
YES	31	39.7	31	39.7
NO	47	60.3	78	100.0

Q10:ALSO SCHOOL ADMINISTRATOR GENERAL

TADGEN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
YES	16	20.8	16	20.8
NO	61	79.2	77	100.0

Q10:ALSO ADMINISTRATOR SUBJECT AREA

TADSUB	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
YES	24	31.2	24	31.2
NO	53	68.8	77	100.0

Q11:CLASSES..POPULATION B

TPOPAC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
1	50	64.9	50	64.9
2	18	23.4	68	88.3
3	4	5.2	72	93.5
4	2	2.6	74	96.1
5	3	3.9	77	100.0

Q11:HOURS..POPULATION B

TPOPAH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
2	1	1.3	1	1.3
3	3	3.8	4	5.1
4	45	57.7	49	62.8
5	7	9.0	56	71.8
6	6	7.7	62	79.5
7	2	2.6	64	82.1
8	5	6.4	69	88.5
9	2	2.6	71	91.0
10	3	3.8	74	94.9
12	3	3.8	77	98.7
13	1	1.3	78	100.0

Q11:CLASSES..LOWER THAN POPULATION B

TLOWAC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
0	1	1.3	1	1.3
1	2	2.6	3	3.9
2	7	9.1	10	13.0
3	18	23.4	28	36.4
4	29	37.7	57	74.0
5	12	15.6	69	89.6
6	1	1.3	70	90.9
7	1	1.3	71	92.2
8	6	7.8	77	100.0

NEW ZELAND -- POPULATION B
TEACHER QUESTIONNAIRE

Q11:HOURS..LOWER THAN POPULATION B

TLOWAH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
0	1	1.3	1	1.3
3	1	1.3	2	2.6
4	3	3.8	5	6.4
6	1	1.3	6	7.7
7	1	1.3	7	9.0
8	5	6.4	12	15.4
9	1	1.3	13	16.7
10	1	1.3	14	17.9
11	2	2.6	16	20.5
12	11	14.1	27	34.6
13	6	7.7	33	42.3
14	8	10.3	41	52.6
15	6	7.7	47	60.3
16	10	12.8	57	73.1
17	5	6.4	62	79.5
18	10	12.8	72	92.3
19	3	3.8	75	96.2
20	2	2.6	77	98.7
21	1	1.3	78	100.0

Q12:HOW MANY SUBJCTS TARGET CLASS

TSBJCTS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
2	15	19.5	15	19.5
3	62	80.5	77	100.0

Q13:OTHER TEACHERS MATH TO TARGET CLASS

TNTCHS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
0	63	80.8	63	80.8
1	11	14.1	74	94.9
2	4	5.1	78	100.0

Q14:STUDENTS IN TARGET CLASS

TNSTUDS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
1 TO 10	15	19.2	15	19.2
11 TO 20	49	62.8	64	82.1
21 TO 30	13	16.7	77	98.7
31 OR MORE	1	1.3	78	100.0

Q15:PERIODS OF MATH EACH WEEK

TPPWEEK	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
3	1	1.3	1	1.3
4	44	56.4	45	57.7
5	22	28.2	67	85.9
6	9	11.5	76	97.4
7	2	2.6	78	100.0

Q16:AVERGE LENGTH CLASS PERIODS MIN

TLENPER	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
40	8	10.3	8	10.3
42	1	1.3	9	11.5
43	1	1.3	10	12.8
45	6	7.7	16	20.5
48	1	1.3	17	21.8
50	8	10.3	25	32.1
52	1	1.3	26	33.3
55	5	6.4	31	39.7
60	47	60.3	78	100.0

NEW ZELAND -- POPULATION B
TEACHER QUESTIONNAIRE

Q17:HOURS MATH BY END OF YEAR

THPYEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
98	1	1.3	1	1.3
100	3	3.8	4	5.1
110	2	2.6	6	7.7
117	2	2.6	8	10.3
120	7	9.0	15	19.2
125	3	3.8	18	23.1
127	1	1.3	19	24.4
128	1	1.3	20	25.6
129	1	1.3	21	26.9
130	9	11.5	30	38.5
133	1	1.3	31	39.7
135	3	3.8	34	43.6
136	1	1.3	35	44.9
138	1	1.3	36	46.2
140	15	19.2	51	65.4
144	1	1.3	52	66.7
145	1	1.3	53	67.9
148	1	1.3	54	69.2
150	8	10.3	62	79.5
158	1	1.3	63	80.8
160	10	12.8	73	93.6
168	1	1.3	74	94.9
170	2	2.6	76	97.4
175	1	1.3	77	98.7
210	1	1.3	78	100.0

Q18:TARGET CLASS OF OTHER CLASSES

TCFMATH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	28	.	.	.
1	13	25.5	13	25.5
2	1	2.0	14	27.5
3	16	31.4	30	58.8
4	21	41.2	51	100.0

Q19:RANGE OF MATH ABILITIES CLASS

TRANGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VERY WIDE	25	32.1	25	32.1
FAIRLY WIDE	42	53.8	67	85.9
FAIRLY NARROW	10	12.8	77	98.7
VERY NARROW	1	1.3	78	100.0

Q20:MASTERY OF PREVIOUS CURRICULUM

TMASTRY	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1	.	.	.
UNDER 10%	1	1.3	1	1.3
11 TO 25%	3	3.8	4	5.1
26 TO 50%	19	24.4	23	29.5
51 TO 75%	25	32.1	48	61.5
76 TO 90%	21	26.9	69	88.5
OVER 90%	9	11.5	78	100.0

Q21:CHARACTER MAIN MATH SUBJECT MATTER

TMTHSUB	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
TYPICAL	72	92.3	72	92.3
ENRICHED	6	7.7	78	100.0

Q22:NO STUDENTS IN NATIONAL TOP 1/3

TTOP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
5 OR FEWER	62	80.5	62	80.5
6 TO 10	10	13.0	72	93.5
10 OR MORE	4	5.2	76	98.7
29	1	1.3	77	100.0

Q22:NUMBER OF STUDNTS NATIONAL MID 1/3

TMIDDLE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
5 OR FEWER	29	37.7	29	37.7
6 TO 10	36	46.8	65	84.4
10 OR MORE	12	15.6	77	100.0

Q22:NUMBER STUDENTS NATIONAL BOTTOM

TBOTTOM	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
5 OR FEWER	57	74.0	57	74.0
6 TO 10	17	22.1	74	96.1
10 OR MORE	3	3.9	77	100.0

NEW ZELAND -- POPULATION B
TEACHER QUESTIONNAIRE

Q22:NUMBER OF STUDENTS UNABLE TO JUDGE

TNOJDG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	71	.	.	.
1	3	37.5	3	37.5
3	2	25.0	5	62.5
5	1	12.5	6	75.0
6	1	12.5	7	87.5
17	1	12.5	8	100.0

Q23:LAST WEEK..PREPARATION FOR MATH

TPREPL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
0	5	6.5	5	6.5
5	1	1.3	6	7.8
10	2	2.6	8	10.4
20	5	6.5	13	16.9
30	6	7.8	19	24.7
40	6	7.8	25	32.5
45	2	2.6	27	35.1
50	2	2.6	29	37.7
60	18	23.4	47	61.0
75	2	2.6	49	63.6
90	1	1.3	50	64.9
100	9	11.7	59	76.6
120	10	13.0	69	89.6
150	3	3.9	72	93.5
180	2	2.6	74	96.1
200	1	1.3	75	97.4
240	2	2.6	77	100.0

Q23:TYPICAL WEEK..PREPARATION FOR MATH

TPREPT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
10	2	2.6	2	2.6
20	1	1.3	3	3.9
30	13	17.1	16	21.1
40	3	3.9	19	25.0
50	2	2.6	21	27.6
60	22	28.9	43	56.6
75	2	2.6	45	59.2
80	1	1.3	46	60.5
90	3	3.9	49	64.5
100	3	3.9	52	68.4
120	15	19.7	67	88.2
150	4	5.3	71	93.4
180	4	5.3	75	98.7
240	1	1.3	76	100.0

Q23:LAST WEEK..GRADING STUDENT WORK

TGRADEL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	4	.	.	.
0	25	33.3	25	33.3
2	1	1.3	26	34.7
15	1	1.3	27	36.0
20	1	1.3	28	37.3
30	5	6.7	33	44.0
40	2	2.7	35	46.7
60	12	16.0	47	62.7
100	2	2.7	49	65.3
120	7	9.3	56	74.7
150	1	1.3	57	76.0
180	6	8.0	63	84.0
200	1	1.3	64	85.3
220	1	1.3	65	86.7
300	4	5.3	69	92.0
360	3	4.0	72	96.0
400	1	1.3	73	97.3
420	1	1.3	74	98.7
480	1	1.3	75	100.0

Q23:TYPICAL WEEK..GRADING STUDENT WORK

TGRADET	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	7	9.2	7	9.2
3	1	1.3	8	10.5
10	2	2.6	10	13.2
15	3	3.9	13	17.1
20	5	6.6	18	23.7
30	17	22.4	35	46.1
40	4	5.3	39	51.3
45	1	1.3	40	52.6
50	1	1.3	41	53.9
60	18	23.7	59	77.6
90	3	3.9	62	81.6
100	4	5.3	66	86.8
120	7	9.2	73	96.1
150	2	2.6	75	98.7
180	1	1.3	76	100.0

NEW ZELAND — POPULATION B
TEACHER QUESTIONNAIRE

Q23:LAST WEEK..EXPLAINING NEW CONTENT

TEXPLNL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
0	14	18.2	14	18.2
20	1	1.3	15	19.5
30	2	2.6	17	22.1
40	3	3.9	20	26.0
50	3	3.9	23	29.9
60	10	13.0	33	42.9
70	1	1.3	34	44.2
75	2	2.6	36	46.8
80	5	6.5	41	53.2
90	6	7.8	47	61.0
100	7	9.1	54	70.1
120	8	10.4	62	80.5
130	1	1.3	63	81.8
135	1	1.3	64	83.1
150	2	2.6	66	85.7
160	3	3.9	69	89.6
180	5	6.5	74	96.1
200	2	2.6	76	98.7
240	1	1.3	77	100.0

Q23:TYPICAL WEEK..EXPLAINING CONTENT

TEXPLNT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
15	1	1.3	1	1.3
20	1	1.3	2	2.6
25	1	1.3	3	3.9
35	1	1.3	4	5.2
40	1	1.3	5	6.5
60	10	13.0	15	19.5
75	2	2.6	17	22.1
80	12	15.6	29	37.7
90	3	3.9	32	41.6
100	9	11.7	41	53.2
120	15	19.5	56	72.7
130	2	2.6	58	75.3
140	2	2.6	60	77.9
150	4	5.2	64	83.1
160	1	1.3	65	84.4
180	7	9.1	72	93.5
200	4	5.2	76	98.7
240	1	1.3	77	100.0

Q23:LAST WEEK..REVIEW OLD CONTENT

TREVUL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	17	22.4	17	22.4
5	1	1.3	18	23.7
10	12	15.8	30	39.5
15	4	5.3	34	44.7
20	9	11.8	43	56.6
25	1	1.3	44	57.9
30	6	7.9	50	65.8
40	2	2.6	52	68.4
50	3	3.9	55	72.4
60	6	7.9	61	80.3
65	1	1.3	62	81.6
70	1	1.3	63	82.9
80	4	5.3	67	88.2
100	1	1.3	68	89.5
120	3	3.9	71	93.4
135	1	1.3	72	94.7
150	1	1.3	73	96.1
180	1	1.3	74	97.4
240	2	2.6	76	100.0

Q23:TYPICAL WEEK..REVIEW OLD CONTENT

TREVUT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
0	2	2.6	2	2.6
10	5	6.5	7	9.1
15	8	10.4	15	19.5
20	16	20.8	31	40.3
25	1	1.3	32	41.6
30	12	15.6	44	57.1
40	8	10.4	52	67.5
50	4	5.2	56	72.7
55	1	1.3	57	74.0
60	13	16.9	70	90.9
70	1	1.3	71	92.2
80	3	3.9	74	96.1
90	1	1.3	75	97.4
120	1	1.3	76	98.7
135	1	1.3	77	100.0

NEW ZELAND — POPULATION B
TEACHER QUESTIONNAIRE

Q23:LAST WEEK..ROUTINE ADMIN

TADMINL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	4	.	.	.
0	34	45.3	34	45.3
1	1	1.3	35	46.7
5	13	17.3	48	64.0
8	1	1.3	49	65.3
10	11	14.7	60	80.0
15	3	4.0	63	84.0
20	4	5.3	67	89.3
25	3	4.0	70	93.3
30	1	1.3	71	94.7
60	1	1.3	72	96.0
80	1	1.3	73	97.3
100	1	1.3	74	98.7
120	1	1.3	75	100.0

Q23:TYPICAL WEEK..ROUTINE ADMIN

TADMINT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	21	27.6	21	27.6
1	2	2.6	23	30.3
4	1	1.3	24	31.6
5	20	26.3	44	57.9
8	1	1.3	45	59.2
10	15	19.7	60	78.9
15	5	6.6	65	85.5
20	4	5.3	69	90.8
25	1	1.3	70	92.1
30	2	2.6	72	94.7
40	1	1.3	73	96.1
60	1	1.3	74	97.4
100	1	1.3	75	98.7
180	1	1.3	76	100.0

Q23:LAST WEEK..MAINTAINING CLASS ORDER

TORDERL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	48	63.2	48	63.2
1	2	2.6	50	65.8
2	2	2.6	52	68.4
3	1	1.3	53	69.7
5	10	13.2	63	82.9
10	4	5.3	67	88.2
15	1	1.3	68	89.5
20	5	6.6	73	96.1
25	1	1.3	74	97.4
35	2	2.6	76	100.0

Q23:TYPICAL WEEK..MAINTAINING CLASS

TORDERT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	38	50.0	38	50.0
1	3	3.9	41	53.9
2	2	2.6	43	56.6
3	1	1.3	44	57.9
4	1	1.3	45	59.2
5	13	17.1	58	76.3
10	8	10.5	66	86.8
15	3	3.9	69	90.8
20	4	5.3	73	96.1
25	2	2.6	75	98.7
35	1	1.3	76	100.0

Q24:LAST WEEK..TAKING TESTS/QUIZZES

TTESTL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	42	55.3	42	55.3
5	1	1.3	43	56.6
20	3	3.9	46	60.5
30	7	9.2	53	69.7
40	2	2.6	55	72.4
45	1	1.3	56	73.7
50	3	3.9	59	77.6
55	1	1.3	60	78.9
60	2	2.6	62	81.6
75	1	1.3	63	82.9
100	1	1.3	64	84.2
120	1	1.3	65	85.5
180	11	14.5	76	100.0

NEW ZELAND -- POPULATION B
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Q24:TYPICAL WEEK..TAKING TESTS/QUIZZES

TTESTT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
0	17	22.1	17	22.1
5	1	1.3	18	23.4
10	10	13.0	28	36.4
15	8	10.4	36	46.8
20	19	24.7	55	71.4
25	1	1.3	56	72.7
30	15	19.5	71	92.2
40	3	3.9	74	96.1
45	1	1.3	75	97.4
50	1	1.3	76	98.7
75	1	1.3	77	100.0

Q24:LAST WEEK..SEAT/BLACKBOARD WORK

TSEATL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
0	22	28.6	22	28.6
10	1	1.3	23	29.9
15	2	2.6	25	32.5
20	4	5.2	29	37.7
30	3	3.9	32	41.6
35	1	1.3	33	42.9
40	1	1.3	34	44.2
50	2	2.6	36	46.8
60	12	15.6	48	62.3
70	1	1.3	49	63.6
75	1	1.3	50	64.9
80	5	6.5	55	71.4
90	2	2.6	57	74.0
100	4	5.2	61	79.2
120	6	7.8	67	87.0
130	1	1.3	68	88.3
150	1	1.3	69	89.6
160	2	2.6	71	92.2
180	2	2.6	73	94.8
200	4	5.2	77	100.0

Q24:TYPICAL WEEK..SEAT/BLACKBOARD WORK

TSEATT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	4	5.3	4	5.3
15	1	1.3	5	6.6
20	4	5.3	9	11.8
30	7	9.2	16	21.1
40	3	3.9	19	25.0
50	2	2.6	21	27.6
60	13	17.1	34	44.7
70	2	2.6	36	47.4
75	1	1.3	37	48.7
80	4	5.3	41	53.9
90	3	3.9	44	57.9
100	8	10.5	52	68.4
110	1	1.3	53	69.7
115	1	1.3	54	71.1
120	11	14.5	65	85.5
130	1	1.3	66	86.8
150	2	2.6	68	89.5
160	5	6.6	73	96.1
180	1	1.3	74	97.4
200	2	2.6	76	100.0

Q24:LAST WEEK..WHOLE CLASS LECTURES

TLISTL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
0	11	14.3	11	14.3
20	1	1.3	12	15.6
30	1	1.3	13	16.9
40	2	2.6	15	19.5
50	2	2.6	17	22.1
60	11	14.3	28	36.4
80	5	6.5	33	42.9
90	3	3.9	36	46.8
100	8	10.4	44	57.1
110	1	1.3	45	58.4
120	11	14.3	56	72.7
130	1	1.3	57	74.0
135	2	2.6	59	76.6
140	3	3.9	62	80.5
145	1	1.3	63	81.8
150	3	3.9	66	85.7
160	2	2.6	68	88.3
170	1	1.3	69	89.6
180	3	3.9	72	93.5
200	1	1.3	73	94.8
240	2	2.6	75	97.4
250	1	1.3	76	98.7
280	1	1.3	77	100.0

NEW ZELAND -- POPULATION B
TEACHER QUESTIONNAIRE

Q24:TYPICAL WEEK..WHOLE CLASS LECTURES

TLISTT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
0	1	1.3	1	1.3
30	1	1.3	2	2.6
45	1	1.3	3	3.9
50	2	2.6	5	6.5
60	8	10.4	13	16.9
75	1	1.3	14	18.2
80	9	11.7	23	29.9
85	1	1.3	24	31.2
90	1	1.3	25	32.5
95	1	1.3	26	33.8
100	12	15.6	38	49.4
120	16	20.8	54	70.1
135	2	2.6	56	72.7
140	4	5.2	60	77.9
150	7	9.1	67	87.0
160	2	2.6	69	89.6
180	3	3.9	72	93.5
200	4	5.2	76	98.7
250	1	1.3	77	100.0

Q24:LAST WEEK..WORKING IN SMALL GROUPS

TGROUPL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
0	50	64.9	50	64.9
10	1	1.3	51	66.2
15	1	1.3	52	67.5
20	3	3.9	55	71.4
30	1	1.3	56	72.7
40	2	2.6	58	75.3
50	3	3.9	61	79.2
60	5	6.5	66	85.7
100	3	3.9	69	89.6
120	5	6.5	74	96.1
140	1	1.3	75	97.4
160	1	1.3	76	98.7
180	1	1.3	77	100.0

Q24:TYPICAL WEEK..SMALL GROUPS

TGROUPT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
0	46	59.7	46	59.7
20	4	5.2	50	64.9
30	1	1.3	51	66.2
40	4	5.2	55	71.4
50	4	5.2	59	76.6
60	5	6.5	64	83.1
80	1	1.3	65	84.4
100	3	3.9	68	88.3
110	1	1.3	69	89.6
120	5	6.5	74	96.1
160	2	2.6	76	98.7
180	1	1.3	77	100.0

Q25:HOW MANY STUDNTS CALLED QUESTIONS

TQUEST	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
UP TO ONE FOURTH	21	26.9	21	26.9
GT 25% LE 50%	21	26.9	42	53.8
GT 50% LE 75%	19	24.4	61	78.2
GREATER THAN 75%	17	21.8	78	100.0

Q26:DIFFERENTIATED EXERCISES

TDIFASG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
FREQUENTLY	27	34.6	27	34.6
OCCASIONALLY	35	44.9	62	79.5
RARELY OR NEVER	16	20.5	78	100.0

Q27:LAST WEEK..HOURS HOMEWORK

THWRKL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	12	15.8	12	15.8
1	3	3.9	15	19.7
2	21	27.6	36	47.4
3	21	27.6	57	75.0
4	11	14.5	68	89.5
5	2	2.6	70	92.1
6	5	6.6	75	98.7
8	1	1.3	76	100.0

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Q27:TYPICAL WEEK..HOURS HOMEWORK

THWRKT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	5	.	.	.
1	2	2.7	2	2.7
2	14	18.9	16	21.6
3	28	37.8	44	59.5
4	13	17.6	57	77.0
5	10	13.5	67	90.5
6	5	6.8	72	97.3
7	1	1.4	73	98.6
8	1	1.4	74	100.0

Q28:USE FOUR FUNCTION CALCULATORS

TFFCALC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
TWO PERIODS	19	35.8	19	35.8
ONE PERIOD	5	9.4	24	45.3
OCCASIONALLY	20	37.7	44	83.0
NEVER	8	15.1	52	98.1
NOT ALLOWED	1	1.9	53	100.0

Q28:USE OF PROGRAMMED SCIENTIFIC CALC

TPPCALC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	7	.	.	.
TWO PERIODS	34	47.2	34	47.2
ONE PERIOD	9	12.5	43	59.7
OCCASIONALLY	27	37.5	70	97.2
NEVER	2	2.8	72	100.0

Q29:CALCULATORS TO CHECK ANSWERS

TCCCHK	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	31	.	.	.
4 FUNC CALC ONLY	7	14.6	7	14.6
PROGRM CALC ONLY	18	37.5	25	52.1
1 2 ONLY	21	43.8	46	95.8
ALL THREE	2	4.2	48	100.0

Q29:CALCULATORS TO DO HOMEWORK

TCCHWRK	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
4 FUNC CALC ONLY	4	7.7	4	7.7
PROGRM CALC ONLY	22	42.3	26	50.0
1 2 ONLY	23	44.2	49	94.2
ALL THREE	3	5.8	52	100.0

Q29:CALCULATORS TO SOLVE PROBLEMS

TCCSLV	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	13	.	.	.
4 FUNC CALC ONLY	9	13.6	9	13.6
PROGRM CALC ONLY	25	37.9	34	51.5
1 2 ONLY	22	33.3	56	84.8
1 3 ONLY	1	1.5	57	86.4
2 3 ONLY	2	3.0	59	89.4
ALL THREE	7	10.6	66	100.0

Q29:CALCULATORS TO TAKE TESTS

TCCTEST	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	34	.	.	.
4 FUNC CALC ONLY	7	15.6	7	15.6
PROGRM CALC ONLY	20	44.4	27	60.0
1 2 ONLY	17	37.8	44	97.8
ALL THREE	1	2.2	45	100.0

Q29:CALCULATORS AS AN AID FOR PROJECTS

TCCPROJ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	37	.	.	.
4 FUNC CALC ONLY	1	2.4	1	2.4
PROGRM CALC ONLY	14	33.3	15	35.7
COMPUTER ONLY	1	2.4	16	38.1
1 2 ONLY	14	33.3	30	71.4
1 3 ONLY	2	4.8	32	76.2
2 3 ONLY	4	9.5	36	85.7
ALL THREE	6	14.3	42	100.0

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Q29:CALCULATORS FOR RECREATION

TCCPLSR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	35	.	.	.
4 FUNC CALC ONLY	1	2.3	1	2.3
PROGRM CALC ONLY	11	25.0	12	27.3
COMPUTER ONLY	8	18.2	20	45.5
1 2 ONLY	10	22.7	30	68.2
2 3 ONLY	8	18.2	38	86.4
ALL THREE	6	13.6	44	100.0

Q30:SETS, RELATIONS AND FUNCTIONS

TSETSP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	4	5.3	4	5.3
1	1	1.3	5	6.6
3	3	3.9	8	10.5
4	2	2.6	10	13.2
5	4	5.3	14	18.4
6	3	3.9	17	22.4
7	1	1.3	18	23.7
8	3	3.9	21	27.6
10	13	17.1	34	44.7
12	6	7.9	40	52.6
14	1	1.3	41	53.9
15	5	6.6	46	60.5
16	6	7.9	52	68.4
20	10	13.2	62	81.6
21	1	1.3	63	82.9
25	2	2.6	65	85.5
26	1	1.3	66	86.8
28	1	1.3	67	88.2
30	2	2.6	69	90.8
35	1	1.3	70	92.1
40	4	5.3	74	97.4
50	1	1.3	75	98.7
75	1	1.3	76	100.0

Q30:REVIEW..SETS ETC

TSETSR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	12	.	.	.
LEAVE, LATER REV	53	79.1	53	79.1
DO NOT DO SO	14	20.9	67	100.0

Q30:PERIODS ON COMPLEX NUMBERS

TCOMPLP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	1	1.3	1	1.3
3	1	1.3	2	2.6
6	2	2.6	4	5.3
7	3	3.9	7	9.2
8	10	13.2	17	22.4
9	1	1.3	18	23.7
10	11	14.5	29	38.2
12	22	28.9	51	67.1
14	3	3.9	54	71.1
15	5	6.6	59	77.6
16	1	1.3	60	78.9
18	3	3.9	63	82.9
20	6	7.9	69	90.8
21	1	1.3	70	92.1
24	1	1.3	71	93.4
30	2	2.6	73	96.1
40	2	2.6	75	98.7
50	1	1.3	76	100.0

Q30:REVIEW..COMPLEX NUMBERS

TCOMPLR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	7	.	.	.
LEAVE, LATER REV	40	55.6	40	55.6
DO NOT DO SO	32	44.4	72	100.0

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Q30:PERIODS ON ALGEBRA

TALGEP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	5	6.6	5	6.6
4	1	1.3	6	7.9
5	1	1.3	7	9.2
6	1	1.3	8	10.5
7	2	2.6	10	13.2
8	4	5.3	14	18.4
10	8	10.5	22	28.9
12	6	7.9	28	36.8
15	4	5.3	32	42.1
16	3	3.9	35	46.1
18	2	2.6	37	48.7
19	1	1.3	38	50.0
20	13	17.1	51	67.1
22	1	1.3	52	68.4
25	1	1.3	53	69.7
30	5	6.6	58	76.3
32	1	1.3	59	77.6
33	1	1.3	60	78.9
35	1	1.3	61	80.3
40	7	9.2	68	89.5
42	1	1.3	69	90.8
45	2	2.6	71	93.4
50	2	2.6	73	96.1
56	1	1.3	74	97.4
60	2	2.6	76	100.0

Q30:REVIEW..ALGEBRA

TALGER	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	13	.	.	.
LEAVE, LATER REV	59	89.4	59	89.4
DO NOT DO SO	7	10.6	66	100.0

Q30:PERIODS..GEOMETRY

TGEOMP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	14	18.4	14	18.4
4	1	1.3	15	19.7
5	3	3.9	18	23.7
6	6	7.9	24	31.6
7	2	2.6	26	34.2
8	5	6.6	31	40.8
10	8	10.5	39	51.3
12	3	3.9	42	55.3
14	1	1.3	43	56.6
15	3	3.9	46	60.5
16	5	6.6	51	67.1
18	3	3.9	54	71.1
20	15	19.7	69	90.8
25	1	1.3	70	92.1
30	1	1.3	71	93.4
40	2	2.6	73	96.1
50	2	2.6	75	98.7
63	1	1.3	76	100.0

Q30:REVIEW..GEOMETRY

TGEOMR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	22	.	.	.
LEAVE, LATER REV	41	71.9	41	71.9
DO NOT DO SO	16	28.1	57	100.0

Q30:PERIODS..DIFFERENTIATION

TDIFFP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	1	1.3	1	1.3
8	1	1.3	2	2.6
10	3	3.9	5	6.6
12	3	3.9	8	10.5
13	1	1.3	9	11.8
14	3	3.9	12	15.8
15	6	7.9	18	23.7
16	5	6.6	23	30.3
18	4	5.3	27	35.5
20	13	17.1	40	52.6
21	1	1.3	41	53.9
24	4	5.3	45	59.2
25	5	6.6	50	65.8
26	2	2.6	52	68.4
28	1	1.3	53	69.7
30	6	7.9	59	77.6
34	1	1.3	60	78.9
35	2	2.6	62	81.6
36	2	2.6	64	84.2
40	5	6.6	69	90.8
45	2	2.6	71	93.4
50	3	3.9	74	97.4
60	1	1.3	75	98.7
66	1	1.3	76	100.0

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TEACHER QUESTIONNAIRE

Q30:REVIEW..DIFFERENTIATION

TDIFFR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	9	.	.	.
LEAVE, LATER REV	62	88.6	62	88.6
DO NOT DO SO	8	11.4	70	100.0

Q30:PERIODS..INTEGRATION

TINTEGP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	2	2.6	2	2.6
10	3	3.9	5	6.6
11	1	1.3	6	7.9
12	2	2.6	8	10.5
13	1	1.3	9	11.8
15	2	2.6	11	14.5
16	7	9.2	18	23.7
17	1	1.3	19	25.0
18	4	5.3	23	30.3
20	19	25.0	42	55.3
21	1	1.3	43	56.6
22	1	1.3	44	57.9
24	4	5.3	48	63.2
25	5	6.6	53	69.7
26	1	1.3	54	71.1
28	2	2.6	56	73.7
30	8	10.5	64	84.2
35	3	3.9	67	88.2
36	1	1.3	68	89.5
39	2	2.6	70	92.1
40	4	5.3	74	97.4
50	1	1.3	75	98.7
55	1	1.3	76	100.0

Q30:REVIEW..INTEGRATION

TINTEGR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	10	.	.	.
LEAVE, LATER REV	59	85.5	59	85.5
DO NOT DO SO	10	14.5	69	100.0

Q30:PERIODS..PROBABILITY & STATS

TPROBP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	71	93.4	71	93.4
1	2	2.6	73	96.1
2	1	1.3	74	97.4
5	1	1.3	75	98.7
6	1	1.3	76	100.0

Q30:REVIEW..PROBABILITY & STATS

TPROBR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	71	.	.	.
LEAVE, LATER REV	1	12.5	1	12.5
DO NOT DO SO	7	87.5	8	100.0

Q30:PERIODS..COMBINATORICS

TCOMBP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	67	88.2	67	88.2
1	1	1.3	68	89.5
2	2	2.6	70	92.1
3	1	1.3	71	93.4
4	1	1.3	72	94.7
6	1	1.3	73	96.1
8	1	1.3	74	97.4
10	1	1.3	75	98.7
12	1	1.3	76	100.0

Q30:REVIEW..COMBINATORICS

TCOMBR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	69	.	.	.
LEAVE, LATER REV	2	20.0	2	20.0
DO NOT DO SO	8	80.0	10	100.0

Q30:PERIODS..COMPUTER SCIENCE

TCOMSIP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3	.	.	.
0	75	98.7	75	98.7
5	1	1.3	76	100.0

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Q30:REVIEW..COMPUTER SCIENCE

TCOMSIR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	74	.	.	.
LEAVE. LATER REV	1	20.0	1	20.0
DO NOT DO SO	4	80.0	5	100.0

Q31:PUBLISHED TEXTBOOKS

TTEXTBK	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
RARELY OR NEVER	11	14.1	11	14.1
SOMETIMES	21	26.9	32	41.0
OFTEN	46	59.0	78	100.0

Q31:PUBLISHED WORKBOOKS PROBLEM SETS

TWORKBK	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	3	.	.	.
RARELY OR NEVER	11	14.5	11	14.5
SOMETIMES	22	28.9	33	43.4
OFTEN	43	56.6	76	100.0

Q31:INDIVIDUALIZED MATERIALS

TINDMAT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	6	.	.	.
RARELY OR NEVER	59	80.8	59	80.8
SOMETIMES	13	17.8	72	98.6
OFTEN	1	1.4	73	100.0

Q31:COMMERCIALLY VISUAL MATERIAL

TVISMAT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	8	.	.	.
RARELY OR NEVER	70	98.6	70	98.6
SOMETIMES	1	1.4	71	100.0

Q31:COMMERCIALLY PUBLISHED TESTS

TPUBTST	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	8	.	.	.
RARELY OR NEVER	55	77.5	55	77.5
SOMETIMES	15	21.1	70	98.6
OFTEN	1	1.4	71	100.0

Q31:TEACHING MATERIALS YOU HAVE WRITTEN

TOWNMAT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
RARELY OR NEVER	5	6.4	5	6.4
SOMETIMES	39	50.0	44	56.4
OFTEN	34	43.6	78	100.0

Q31:TESTS YOU HAVE WRITTEN

TOWNTST	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
RARELY OR NEVER	1	1.3	1	1.3
SOMETIMES	29	37.2	30	38.5
OFTEN	48	61.5	78	100.0

Q32:MAIN TEXTBOOK WORKBOOK NATONAL LIST

TCOMTXT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2	.	.	.
1	5	6.5	5	6.5
3	7	9.1	12	15.6
5	30	39.0	42	54.5
7	24	31.2	66	85.7
8	1	1.3	67	87.0
9	1	1.3	68	88.3
10	9	11.7	77	100.0

Q33:IMPNT..CHECKING AN ANSWER

TCHKI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VERY IMPORTANT	27	34.6	27	34.6
IMPORTANT	43	55.1	70	89.7
UNDECIDED	4	5.1	74	94.9
NOT IMPORTANT	4	5.1	78	100.0

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Q33:IMPNT..CHECKING AN ANSWER (A)

TCHKIA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	9	11.4	9	11.4
AGREE	70	88.6	79	100.0

Q33:IMPNT..CHECKING AN ANSWER (D)

TCHKID	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	75	94.9	75	94.9
DISAGREE	4	5.1	79	100.0

Q33:EASY..CHECKING AN ANSWER

TCHKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VERY EASY	3	3.8	3	3.8
EASY	21	26.9	24	30.8
UNDECIDED	25	32.1	49	62.8
HARD	26	33.3	75	96.2
VERY HARD	3	3.8	78	100.0

Q33:EASY..CHECKING AN ANSWER (A)

TCHKEA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	55	69.6	55	69.6
AGREE	24	30.4	79	100.0

Q33:EASY ..CHECKING AN ANSWER (D)

TCHKED	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	50	63.3	50	63.3
DISAGREE	29	36.7	79	100.0

Q33:LIKE..CHECKING AN ANSWER

TCHKL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
LIKE A LOT	4	5.1	4	5.1
LIKE	29	37.2	33	42.3
UNDECIDED	30	38.5	63	80.8
DISLIKE	14	17.9	77	98.7
DISLIKE A LOT	1	1.3	78	100.0

Q33:LIKE..CHECKING AN ANSWER (A)

TCHKLA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	46	58.2	46	58.2
AGREE	33	41.8	79	100.0

Q33:LIKE..CHECKING AN ANSWER(D)

TCHKLD	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	64	81.0	64	81.0
DISAGREE	15	19.0	79	100.0

Q34:IMPNT..MEMORIZING RULES ETC

TMEMI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VERY IMPORTANT	7	9.0	7	9.0
IMPORTANT	38	48.7	45	57.7
UNDECIDED	12	15.4	57	73.1
NOT IMPORTANT	20	25.6	77	98.7
NOT AT ALL IMPRT	1	1.3	78	100.0

Q34:IMPNT..MEMORIZING RULES ETC(A)

TMEMIA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	34	43.0	34	43.0
AGREE	45	57.0	79	100.0

Q34:IMPNT..MEMORIZING RULES ETC (D)

TMEMID	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	58	73.4	58	73.4
DISAGREE	21	26.6	79	100.0

NEW ZELAND -- POPULATION B
TEACHER QUESTIONNAIRE

Q34:EASY..MEMORIZING RULES ETC

THEME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VERY EASY	3	3.8	3	3.8
EASY	26	33.3	29	37.2
UNDECIDED	24	30.8	53	67.9
HARD	25	32.1	78	100.0

Q34:EASY MEMORIZING RULES ETC (A)

THEMEA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	50	63.3	50	63.3
AGREE	29	36.7	79	100.0

Q34:EASY..MEMORIZING RULES ETC(D)

THEMED	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	54	68.4	54	68.4
DISAGREE	25	31.6	79	100.0

Q34:LIKE..MEMORIZING RULES ETC

THEML	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
LIKE	20	25.6	20	25.6
UNDECIDED	28	35.9	48	61.5
DISLIKE	27	34.6	75	96.2
DISLIKE A LOT	3	3.8	78	100.0

Q34:LIKE..MEMORIZING RULES ETC(A)

THEMLA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	59	74.7	59	74.7
AGREE	20	25.3	79	100.0

Q34:LIKE..MEMORIZING RULES ETC(D)

THEMLD	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	49	62.0	49	62.0
DISAGREE	30	38.0	79	100.0

Q35:IMPNT..SOLVING WORD PROBLEMS

TWPI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VERY IMPORTANT	16	20.5	16	20.5
IMPORTANT	50	64.1	66	84.6
UNDECIDED	10	12.8	76	97.4
NOT IMPORTANT	2	2.6	78	100.0

Q35:IMPNT..SOLVING WORD PROBLEMS(A)

TWPIA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	13	16.5	13	16.5
AGREE	66	83.5	79	100.0

Q35:IMPNT..SOLVING WORD PROBLEMS(D)

TWPID	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	77	97.5	77	97.5
DISAGREE	2	2.5	79	100.0

Q35:EASY..SOLVING WORD PROBLEMS

TWPE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
EASY	15	19.5	15	19.5
UNDECIDED	14	18.2	29	37.7
HARD	36	46.8	65	84.4
VERY HARD	12	15.6	77	100.0

Q35:EASY..SOLVING WORD PROBLEMS(A)

TWPEA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	64	81.0	64	81.0
AGREE	15	19.0	79	100.0

NEW ZELAND -- POPULATION B
TEACHER QUESTIONNAIRE

Q35:EASY..SOLVING WORD PROBLEMS(D)

TWPED	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	31	39.2	31	39.2
DISAGREE	48	60.8	79	100.0

Q35:LIKE..SOLVING WORD PROBLEMS

TWPL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	3	.	.	.
LIKE A LOT	8	10.5	8	10.5
LIKE	45	59.2	53	69.7
UNDECIDED	15	19.7	68	89.5
DISLIKE	8	10.5	76	100.0

Q35:LIKE..SOLVING WORD PROBLEMS(A)

TWPLA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	26	32.9	26	32.9
AGREE	53	67.1	79	100.0

Q35:LIKE..SOLVING WORD PROBLEMS(D)

TWPLD	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	71	89.9	71	89.9
DISAGREE	8	10.1	79	100.0

Q36:IMPNT..ESTIMATE ANSWERS

TESTI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
VERY IMPORTANT	35	44.9	35	44.9
IMPORTANT	40	51.3	75	96.2
UNDECIDED	2	2.6	77	98.7
NOT IMPORTANT	1	1.3	78	100.0

Q36:IMPNT..CHEKCING AN ANSWER (A)

TESTIA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	4	5.1	4	5.1
AGREE	75	94.9	79	100.0

Q36:IMPNT..ESTIMATE ANSWERS(D)

TESTID	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	78	98.7	78	98.7
DISAGREE	1	1.3	79	100.0

Q36:EASY..ESTIMATE ANSWERS

TESTE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
EASY	26	33.3	26	33.3
UNDECIDED	14	17.9	40	51.3
HARD	36	46.2	76	97.4
VERY HARD	2	2.6	78	100.0

Q36:EASY ..ESTIMATE ANSWERS (A)

TESTEA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	53	67.1	53	67.1
AGREE	26	32.9	79	100.0

Q36:EASY..CHECKING AN ANSWER (D)

TESTED	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	41	51.9	41	51.9
DISAGREE	38	48.1	79	100.0

Q36:LIKE..ESTIMATE ANSWERS

TESTL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
LIKE A LOT	4	5.1	4	5.1
LIKE	50	64.1	54	69.2
UNDECIDED	17	21.8	71	91.0
DISLIKE	7	9.0	78	100.0

NEW ZELAND -- POPULATION B
TEACHER QUESTIONNAIRE

Q36:LIKE..CHECKING AN ANSWER (A)

TESTLA	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT AGREE	25	31.6	25	31.6
AGREE	54	68.4	79	100.0

Q36:LIKE..CHECKING AN ANSWER (D)

TESTLD	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NOT DISAGREE	72	91.1	72	91.1
DISAGREE	7	8.9	79	100.0

Q37:MATH WILL CHANGE IN NEAR FUTURE

TCHANGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
STRONGLY DISAGRE	3	3.8	3	3.8
DISAGREE	34	43.6	37	47.4
UNDECIDED	18	23.1	55	70.5
AGREE	18	23.1	73	93.6
STRONGLY AGREE	5	6.4	78	100.0

Q38:MATH IS GOOD FIELD CREATIVE PEOPLE

TCREATE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
STRONGLY DISAGRE	1	1.3	1	1.3
DISAGREE	11	14.1	12	15.4
UNDECIDED	11	14.1	23	29.5
AGREE	44	56.4	67	85.9
STRONGLY AGREE	11	14.1	78	100.0

Q39:LITTLE PLACE FOR ORIGINALITY IN MATH

TLTORIG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
STRONGLY DISAGRE	20	25.6	20	25.6
DISAGREE	40	51.3	60	76.9
UNDECIDED	8	10.3	68	87.2
AGREE	9	11.5	77	98.7
STRONGLY AGREE	1	1.3	78	100.0

Q40:NEW DISCOVERIES IN MATH

TNEWDSC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
DISAGREE	6	7.7	6	7.7
UNDECIDED	13	16.7	19	24.4
AGREE	47	60.3	66	84.6
STRONGLY AGREE	12	15.4	78	100.0

Q41:MATH HELPS THINK IN STRICT RULES

TRULES	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
STRONGLY DISAGRE	1	1.3	1	1.3
DISAGREE	12	15.4	13	16.7
UNDECIDED	16	20.5	29	37.2
AGREE	43	55.1	72	92.3
STRONGLY AGREE	6	7.7	78	100.0

Q42:ESTIMATE IMPRTNT MATH SKILL

TESTIMP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
DISAGREE	4	5.1	4	5.1
UNDECIDED	2	2.6	6	7.7
AGREE	44	56.4	50	64.1
STRONGLY AGREE	28	35.9	78	100.0

Q43:MANY WAYS TO SOLVE MATH PROBLEMS

TMNYWYS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
DISAGREE	10	12.8	10	12.8
UNDECIDED	13	16.7	23	29.5
AGREE	43	55.1	66	84.6
STRONGLY AGREE	12	15.4	78	100.0

NEW ZELAND -- POPULATION B
TEACHER QUESTIONNAIRE

Q44:LEARNING MATH MOSTLY MEMORY

TMEMRZG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
STRONGLY DISAGRE	27	34.6	27	34.6
DISAGREE	45	57.7	72	92.3
UNDECIDED	4	5.1	76	97.4
AGREE	2	2.6	78	100.0

Q45:MATH PROBLEMS SOLVED W/O RULES

TWORULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	2	.	.	.
STRONGLY DISAGRE	9	11.7	9	11.7
DISAGREE	31	40.3	40	51.9
UNDECIDED	10	13.0	50	64.9
AGREE	25	32.5	75	97.4
STRONGLY AGREE	2	2.6	77	100.0

Q46:TRIAL AND ERROR CAN OFTEN BE USED

TTAESLV	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
STRONGLY DISAGRE	3	3.8	3	3.8
DISAGREE	20	25.6	23	29.5
UNDECIDED	10	12.8	33	42.3
AGREE	42	53.8	75	96.2
STRONGLY AGREE	3	3.8	78	100.0

Q47:ALWAYS RULE SOLVNG A MATH PROBLEM

TALWRUL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
STRONGLY DISAGRE	4	5.1	4	5.1
DISAGREE	38	48.7	42	53.8
UNDECIDED	12	15.4	54	69.2
AGREE	22	28.2	76	97.4
STRONGLY AGREE	2	2.6	78	100.0

Q48:NO NEW MATH DISCOVERIES LONG TIME

TNONEW	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
STRONGLY DISAGRE	25	32.1	25	32.1
DISAGREE	44	56.4	69	88.5
UNDECIDED	7	9.0	76	97.4
AGREE	2	2.6	78	100.0

Q49:MATH IS A SET OF RULES

TMTHRUL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
STRONGLY DISAGRE	17	21.8	17	21.8
DISAGREE	39	50.0	56	71.8
UNDECIDED	8	10.3	64	82.1
AGREE	13	16.7	77	98.7
STRONGLY AGREE	1	1.3	78	100.0

Q50:MATH CAN BE SOLVED DIFFERNT WAYS

TDIFWAY	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
STRONGLY DISAGRE	1	1.3	1	1.3
DISAGREE	18	23.1	19	24.4
UNDECIDED	17	21.8	36	46.2
AGREE	38	48.7	74	94.9
STRONGLY AGREE	4	5.1	78	100.0

Q51:MATH HELPS THINK LOGICALLY

TMTHLOG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1	.	.	.
STRONGLY DISAGRE	1	1.3	1	1.3
UNDECIDED	4	5.1	5	6.4
AGREE	46	59.0	51	65.4
STRONGLY AGREE	27	34.6	78	100.0

NZEB3

Class level Student attitudes

NEW ZELAND -- POPULATION B
CLASS-LEVEL STUDENT ATTITUDES

VARIABLE	LABEL	N
PYCHKIA	B1.IMPTNT..CHECKING ANSWERS(A)	79
PYCHKID	B1.IMPTNT..CHECKING ANSWERS(D)	79
PYCHKEA	B1.EASY..CHECKING ANSWERS(A)	79
PYCHKED	B1.EASY..CHECKING ANSWERS(D)	79
PYCHKLA	B1.LIKE..CHECKING ANSWERS(A)	79
PYCHKLD	B1.LIKE..CHECKING ANSWERS(D)	79
PYMEMIA	B2. IMPNT..LEARNING RULES ETC(A)	79
PYMEMID	B2. IMPNT..MEMORIZING RULES ETC	79
PYMEMEA	B2. EASY...MEMORIZING RULES ETC (A)	79
PYMEMED	B2. EASY..MEMORIZING RULES ETC.	79
PYMEMLA	B2. LIKE...MEMORIZING RULES, ETC(A)	79
PYMEMLD	B2. LIKE...MEMORIZING RULES, ETC (D)	79
PYWPIA	B3:IMPTNT..SOLVING WORD PROBLEMS(A)	79
PYWPID	B3:IMPTNT..SOLVING WORD PROBLEMS(D)	79
PYWPEA	B3:EASY..SOLVING WORD PROBLEMS(A)	79
PYWPED	B3:EASY..SOLVING WORD PROBLEMS(D)	79
PYWPLA	B3:LIKE..SOLVING WORD PROBLEMS(A)	79
PYWPLD	B3:LIKE..SOLVING WORD PROBLEMS(A)	79
PYSTATIA	B4:IMPTNT..STATISTICAL TABLES(A)	79
PYSTATID	B4:IMPTNT..STATISTICAL TABLES(D)	79
PYSTATEA	B4:EASY..STATISTICAL TABLES(A)	79
PYSTATED	B4:EASY..STATISTICAL TABLES(D)	79
PYSTATLA	B4:LIKE..STATISTICAL TABLES(A)	79
PYSTATLD	B4:LIKE..STATISTICAL TABLES(D)	79
PYEQUAIA	B5:IMPTNT..SOLVING EQUATIONS(A)	79
PYEQUAID	B5:IMPTNT..SOLVING EQUATIONS(D)	79
PYEQUAEA	B5:EASY..SOLVING EQUATIONS(A)	79
PYEQUAED	B5:EASY..SOLVING EQUATIONS(D)	79
PYEQUALA	B5:LIKE..SOLVING EQUATIONS(A)	79
PYEQUALD	B5:LIKE..SOLVING EQUATIONS(D)	79
PYTHRMIA	B6.IMPTNT..PROVING THEOREMS (A)	79
PYTHRMID	B6.IMPTNT..PROVING THEOREMS (D)	79
PYTHRMEA	B6.EASY..PROVING THEOREMS (A)	79
PYTHRMED	B6.EASY..PROVING THEOREMS (D)	79
PYTHRMLA	B6.LIKE..PROVING THEOREMS (A)	79
PYTHRMLD	B6.LIKE..PROVING THEOREMS (D)	79
PYVECTIA	B7.IMPTNT..USING VECTORS (A)	79
PYVECTID	B7.IMPTNT..USING VECTORS (D)	79
PYVECTEA	B7.EASY..USING VECTORS (A)	79
PYVECTED	B7.EASY..USING VECTORS (D)	79
PYVECTLA	B7.LIKE..USING VECTORS (A)	79
PYVECTLD	B7.LIKE..USING VECTORS (D)	79
PYCMPXIA	B8.IMPTNT..COMPLEX NUMBERS (A)	79
PYCMPXID	B8.IMPTNT..COMPLEX NUMBERS (D)	79
PYCMPXEA	B8.EASY..COMPLEX NUMBERS(A)	79
PYCMPXED	B8.EASY..COMPLEX NUMBERS (D)	79
PYCMPXLA	B8.LIKE...COMPLEX NUMBERS(A)	79
PYCMPXLD	B8. LIKE.. COMPLEX NUMBERS (D)	79
PYSERIA	B9.IMPTNT..SEQUENCES AND SERIES (A)	79
PYSERID	B9.IMPTNT..SEQUENCES AND SERIES (D)	79
PYSEREA	B9.EASY..SEQUENCES AND SERIES (A)	79
PYSERED	B9.EASY..SEQUENCES AND SERIES (D)	79
PYSERLA	B9.LIKE..SEQUENCES AND SERIES (A)	79
PYSERLD	B9.LIKE..SEQUENCES AND SERIES (D)	79
PYDIFIA	B10.IMPTNT..DIFFERENTIAT FUNCTIONS (A)	79
PYDIFID	B10.IMPTNT..DIFFERENTIAT FUNCTIONS (D)	79
PYDIFEA	B10.EASY..DIFFERENTIAT FUNCTIONS (A)	79

VARIABLE	N MISSING	MEAN	STANDARD DEVIATION
PYCHKIA	0	0.91	0.09
PYCHKID	0	0.02	0.05
PYCHKEA	0	0.50	0.17
PYCHKED	0	0.17	0.13
PYCHKLA	0	0.19	0.12
PYCHKLD	0	0.52	0.17
PYMEMIA	0	0.86	0.13
PYMEMID	0	0.08	0.09
PYMEMEA	0	0.31	0.15
PYMEMED	0	0.51	0.19
PYMEMLA	0	0.17	0.13
PYMEMLD	0	0.58	0.16
PYWPIA	0	0.51	0.15
PYWPID	0	0.18	0.12
PYWPEA	0	0.25	0.14
PYWPED	0	0.35	0.16
PYWPLA	0	0.29	0.16
PYWPLD	0	0.38	0.15
PYSTATIA	0	0.84	0.11
PYSTATID	0	0.05	0.05
PYSTATEA	0	0.81	0.14
PYSTATED	0	0.05	0.07
PYSTATLA	0	0.51	0.16
PYSTATLD	0	0.16	0.11
PYEQUAIA	0	0.93	0.08
PYEQUAID	0	0.02	0.04
PYEQUAEA	0	0.44	0.15
PYEQUAED	0	0.23	0.15
PYEQUALA	0	0.65	0.17
PYEQUALD	0	0.13	0.12
PYTHRMIA	0	0.59	0.16
PYTHRMID	0	0.20	0.13
PYTHRMEA	0	0.09	0.08
PYTHRMED	0	0.68	0.17
PYTHRMLA	0	0.23	0.13
PYTHRMLD	0	0.58	0.18
PYVECTIA	0	0.58	0.18
PYVECTID	0	0.15	0.11
PYVECTEA	0	0.56	0.19
PYVECTED	0	0.19	0.14
PYVECTLA	0	0.43	0.18
PYVECTLD	0	0.28	0.14
PYCMPXIA	0	0.39	0.16
PYCMPXID	0	0.29	0.16
PYCMPXEA	0	0.44	0.23
PYCMPXED	0	0.28	0.18
PYCMPXLA	0	0.44	0.22
PYCMPXLD	0	0.27	0.18
PYSERIA	0	0.56	0.16
PYSERID	0	0.18	0.11
PYSEREA	0	0.42	0.16
PYSERED	0	0.28	0.15
PYSERLA	0	0.43	0.18
PYSERLD	0	0.30	0.16
PYDIFIA	0	0.79	0.18
PYDIFID	0	0.10	0.13
PYDIFEA	0	0.56	0.20

NEW ZELAND -- POPULATION B
CLASS-LEVEL STUDENT ATTITUDES

VARIABLE	LABEL	N
PYDIFED	B10. EASY...DIFFERENTIAT FUNCTIONS (D)	79
PYDIFLA	B10. LIKE..DIFFERENTIAT FUNCTIONS(A)	79
PYDIFLD	B10.LIKE..DIFFERENTIAT FUNCTIONS (D)	79
PYGRFFIA	B11.IMPTNT..GRAPHS OF FUNCTIONS (A)	79
PYGRFFID	B11.IMPTNT..GRAPHS OF FUNCTIONS (D)	79
PYGRFFEA	B11.EASY..GRAPHS OF FUNCTIONS (A)	79
PYGRFFED	B11.EASY..GRAPHS OF FUNCTIONS (D)	79
PYGRFFLA	B11.LIKE..GRAPHS OF FUNCTIONS (A)	79
PYGRFFLD	B11.LIKE..GRAPHS OF FUNCTIONS (D)	79
PYLIMFIA	B2.IMPTNT..LIMITS OF FUNCTIONS (A)	79
PYLIMFID	B2.IMPTNT..LIMITS OF FUNCTIONS (D)	79
PYLIMFEA	B2.EASY..LIMITS OF FUNCTIONS (A)	79
PYLIMFED	B2.EASY..LIMITS OF FUNCTIONS (D)	79
PYLIMFLA	B2.LIKE..LIMITS OF FUNCTIONS (A)	79
PYLIMFLD	B2.LIKE..LIMITS OF FUNCTIONS (D)	79
PYINTFIA	B13.IMPTNT..INTEGRAT FUNCTIONS (A)	79
PYINTFID	B13.IMPTNT..INTEGRAT FUNCTIONS (D)	79
PYINTFEA	B13.EASY..INTEGRAT FUNCTIONS (A)	79
PYINTFED	B13.EASY..INTEGRAT FUNCTIONS (D)	79
PYINTFLA	B13.LIKE..INTEGRAT FUNCTIONS (A)	79
PYINTFLD	B13.LIKE..INTEGRAT FUNCTIONS (D)	79
PYPROBIA	B14.IMPTNT..DETERMINING PROB (A)	79
PYPROBID	B14.IMPTNT..DETERMINING PROB (D)	79
PYPROBEA	B14.EASY..DETERMINING PROB (A)	79
PYPROBED	B14.EASY..DETERMINING PROB (D)	79
PYPROBLA	B14.LIKE..DETERMINING PROB (A)	79
PYPROBLD	B14.LIKE..DETERMINING PROB (D)	79
PYCALCIA	B15.IMPTNT..USING HAND CALCULAT (A)	79
PYCALCID	B15.IMPTNT..USING HAND CALCULAT (D)	79
PYCALCEA	B15.EASY..USING HAND CALCULAT (A)	79
PYCALCED	B15.EASY..USING HAND CALCULAT (D)	79
PYCALCLA	B15.LIKE..USING HAND CALCULAT (A)	79
PYCALCLD	B15.LIKE..USING HAND CALCULAT (D)	79

VARIABLE	N MISSING	MEAN	STANDARD DEVIATION
PYDIFED	0	0.24	0.15
PYDIFLA	0	0.67	0.19
PYDIFLD	0	0.15	0.14
PYGRFFIA	0	0.70	0.15
PYGRFFID	0	0.10	0.09
PYGRFFEA	0	0.49	0.18
PYGRFFED	0	0.24	0.16
PYGRFFLA	0	0.51	0.16
PYGRFFLD	0	0.28	0.16
PYLIMFIA	0	0.49	0.17
PYLIMFID	0	0.19	0.11
PYLIMFEA	0	0.40	0.20
PYLIMFED	0	0.31	0.20
PYLIMFLA	0	0.29	0.15
PYLIMFLD	0	0.36	0.17
PYINTFIA	0	0.75	0.17
PYINTFID	0	0.10	0.13
PYINTFEA	0	0.32	0.19
PYINTFED	0	0.43	0.19
PYINTFLA	0	0.49	0.21
PYINTFLD	0	0.27	0.18
PYPROBIA	0	0.76	0.13
PYPROBID	0	0.07	0.07
PYPROBEA	0	0.37	0.17
PYPROBED	0	0.31	0.16
PYPROBLA	0	0.42	0.18
PYPROBLD	0	0.31	0.15
PYCALCIA	0	0.60	0.16
PYCALCID	0	0.20	0.15
PYCALCEA	0	0.93	0.08
PYCALCED	0	0.02	0.05
PYCALCLA	0	0.81	0.13
PYCALCLD	0	0.04	0.08

Achievement Item level -

End of year Cognitive Test

NEW ZEALAND -- POPULATION B
FLAGS FOR COGNITIVE TEST FORMS

FLAG FOR FORM 1

YFLAG1	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
FORM ABSENT	903	74.8	903	74.8
FORM PRESENT	304	25.2	1207	100.0

FLAG FOR FORM 2

YFLAG2	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
FORM ABSENT	911	75.5	911	75.5
FORM PRESENT	296	24.5	1207	100.0

FLAG FOR FORM 3

YFLAG3	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
FORM ABSENT	928	76.9	928	76.9
FORM PRESENT	279	23.1	1207	100.0

FLAG FOR FORM 4

YFLAG4	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
FORM ABSENT	927	76.8	927	76.8
FORM PRESENT	280	23.2	1207	100.0

FLAG FOR FORM 5

YFLAG5	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
FORM ABSENT	919	76.1	919	76.1
FORM PRESENT	288	23.9	1207	100.0

FLAG FOR FORM 6

YFLAG6	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
FORM ABSENT	913	75.6	913	75.6
FORM PRESENT	294	24.4	1207	100.0

FLAG FOR FORM 7

YFLAG7	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
FORM ABSENT	903	74.8	903	74.8
FORM PRESENT	304	25.2	1207	100.0

FLAG FOR FORM 8

YFLAG8	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
FORM ABSENT	923	76.5	923	76.5
FORM PRESENT	284	23.5	1207	100.0

NEW ZEALAND -- POPULATION B
END OF YEAR COGNITIVE TEST -- SCORED RESPONSES

YS001	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	912	.	.	.
INCORRECT ANSWER	64	21.7	64	21.7
CORRECT ANSWER	231	78.3	295	100.0

YS002	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	912	.	.	.
INCORRECT ANSWER	136	46.1	136	46.1
CORRECT ANSWER	159	53.9	295	100.0

YS003	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	917	.	.	.
INCORRECT ANSWER	179	61.7	179	61.7
CORRECT ANSWER	111	38.3	290	100.0

YS004	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	913	.	.	.
INCORRECT ANSWER	196	66.7	196	66.7
CORRECT ANSWER	98	33.3	294	100.0

YS005	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	905	.	.	.
INCORRECT ANSWER	84	27.8	84	27.8
CORRECT ANSWER	218	72.2	302	100.0

YS006	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	912	.	.	.
INCORRECT ANSWER	84	28.5	84	28.5
CORRECT ANSWER	211	71.5	295	100.0

YS007	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	931	.	.	.
INCORRECT ANSWER	177	64.1	177	64.1
CORRECT ANSWER	99	35.9	276	100.0

YS008	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	933	.	.	.
INCORRECT ANSWER	231	84.3	231	84.3
CORRECT ANSWER	43	15.7	274	100.0

YS009	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	932	.	.	.
INCORRECT ANSWER	63	22.9	63	22.9
CORRECT ANSWER	212	77.1	275	100.0

YS010	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	918	.	.	.
INCORRECT ANSWER	130	45.0	130	45.0
CORRECT ANSWER	159	55.0	289	100.0

YS011	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	924	.	.	.
INCORRECT ANSWER	189	66.8	189	66.8
CORRECT ANSWER	94	33.2	283	100.0

YS012	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	931	.	.	.
INCORRECT ANSWER	128	46.4	128	46.4
CORRECT ANSWER	148	53.6	276	100.0

YS013	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	909	.	.	.
INCORRECT ANSWER	89	29.9	89	29.9
CORRECT ANSWER	209	70.1	298	100.0

YS014	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	913	.	.	.
INCORRECT ANSWER	51	17.3	51	17.3
CORRECT ANSWER	243	82.7	294	100.0

YS015	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	905	.	.	.
INCORRECT ANSWER	51	16.9	51	16.9
CORRECT ANSWER	251	83.1	302	100.0

YS016	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	929	.	.	.
INCORRECT ANSWER	107	38.5	107	38.5
CORRECT ANSWER	171	61.5	278	100.0

YS017	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	908	.	.	.
INCORRECT ANSWER	130	43.5	130	43.5
CORRECT ANSWER	169	56.5	299	100.0

YS018	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	913	.	.	.
INCORRECT ANSWER	164	55.8	164	55.8
CORRECT ANSWER	130	44.2	294	100.0

YS019	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	930	.	.	.
INCORRECT ANSWER	72	26.0	72	26.0
CORRECT ANSWER	205	74.0	277	100.0

YS020	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	932	.	.	.
INCORRECT ANSWER	191	69.5	191	69.5
CORRECT ANSWER	84	30.5	275	100.0

YS021	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	925	.	.	.
INCORRECT ANSWER	218	77.3	218	77.3
CORRECT ANSWER	64	22.7	282	100.0

YS022	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	934	.	.	.
INCORRECT ANSWER	168	61.5	168	61.5
CORRECT ANSWER	105	38.5	273	100.0

YS023	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	934	.	.	.
INCORRECT ANSWER	208	76.2	208	76.2
CORRECT ANSWER	65	23.8	273	100.0

YS024	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	916	.	.	.
INCORRECT ANSWER	88	30.2	88	30.2
CORRECT ANSWER	203	69.8	291	100.0

YS025	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	929	.	.	.
INCORRECT ANSWER	57	20.5	57	20.5
CORRECT ANSWER	221	79.5	278	100.0

YS026	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	931	.	.	.
INCORRECT ANSWER	113	40.9	113	40.9
CORRECT ANSWER	163	59.1	276	100.0

YS027	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	904	.	.	.
INCORRECT ANSWER	120	39.6	120	39.6
CORRECT ANSWER	183	60.4	303	100.0

YS028	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	904	.	.	.
INCORRECT ANSWER	169	55.8	169	55.8
CORRECT ANSWER	134	44.2	303	100.0

YS029	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	926	.	.	.
INCORRECT ANSWER	84	29.9	84	29.9
CORRECT ANSWER	197	70.1	281	100.0

YS030	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	927	.	.	.
INCORRECT ANSWER	84	30.0	84	30.0
CORRECT ANSWER	196	70.0	280	100.0

YS031	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	928	.	.	.
INCORRECT ANSWER	32	11.5	32	11.5
CORRECT ANSWER	247	88.5	279	100.0

YS032	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	906	.	.	.
INCORRECT ANSWER	135	44.9	135	44.9
CORRECT ANSWER	166	55.1	301	100.0

YS033	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	942	.	.	.
INCORRECT ANSWER	162	61.1	162	61.1
CORRECT ANSWER	103	38.9	265	100.0

YS034	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	931	.	.	.
INCORRECT ANSWER	160	58.0	160	58.0
CORRECT ANSWER	116	42.0	276	100.0

YS035	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	920	.	.	.
INCORRECT ANSWER	88	30.7	88	30.7
CORRECT ANSWER	199	69.3	287	100.0

YS036	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	923	.	.	.
INCORRECT ANSWER	41	14.4	41	14.4
CORRECT ANSWER	243	85.6	284	100.0

YS037	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	922	.	.	.
INCORRECT ANSWER	38	13.3	38	13.3
CORRECT ANSWER	247	86.7	285	100.0

YS038	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	906	.	.	.
INCORRECT ANSWER	116	38.5	116	38.5
CORRECT ANSWER	185	61.5	301	100.0

YS039	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	920	.	.	.
INCORRECT ANSWER	116	40.4	116	40.4
CORRECT ANSWER	171	59.6	287	100.0

YS040	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	935	.	.	.
INCORRECT ANSWER	164	60.3	164	60.3
CORRECT ANSWER	108	39.7	272	100.0

YS041	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	909	.	.	.
INCORRECT ANSWER	87	29.2	87	29.2
CORRECT ANSWER	211	70.8	298	100.0

YS042	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	925	.	.	.
INCORRECT ANSWER	97	34.4	97	34.4
CORRECT ANSWER	185	65.6	282	100.0

YS043	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	906	.	.	.
INCORRECT ANSWER	156	51.8	156	51.8
CORRECT ANSWER	145	48.2	301	100.0

YS044	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	918	.	.	.
INCORRECT ANSWER	154	53.3	154	53.3
CORRECT ANSWER	135	46.7	289	100.0

YS045	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	915	.	.	.
INCORRECT ANSWER	99	33.9	99	33.9
CORRECT ANSWER	193	66.1	292	100.0

YS046	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	927	.	.	.
INCORRECT ANSWER	9	3.2	9	3.2
CORRECT ANSWER	271	96.8	280	100.0

YS047	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	910	.	.	.
INCORRECT ANSWER	121	40.7	121	40.7
CORRECT ANSWER	176	59.3	297	100.0

YS048	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	930	.	.	.
INCORRECT ANSWER	70	25.3	70	25.3
CORRECT ANSWER	207	74.7	277	100.0

YS049	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	932	.	.	.
INCORRECT ANSWER	103	37.5	103	37.5
CORRECT ANSWER	172	62.5	275	100.0

YS050	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	918	.	.	.
INCORRECT ANSWER	81	28.0	81	28.0
CORRECT ANSWER	208	72.0	289	100.0

YS051	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	927	.	.	.
INCORRECT ANSWER	127	45.4	127	45.4
CORRECT ANSWER	153	54.6	280	100.0

YS052	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	926	.	.	.
INCORRECT ANSWER	81	28.8	81	28.8
CORRECT ANSWER	200	71.2	281	100.0

YS053	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	931	.	.	.
INCORRECT ANSWER	198	71.7	198	71.7
CORRECT ANSWER	78	28.3	276	100.0

YS054	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	932	.	.	.
INCORRECT ANSWER	136	49.5	136	49.5
CORRECT ANSWER	139	50.5	275	100.0

YS055	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	916	.	.	.
INCORRECT ANSWER	125	43.0	125	43.0
CORRECT ANSWER	166	57.0	291	100.0

YS056	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	946	.	.	.
INCORRECT ANSWER	137	52.5	137	52.5
CORRECT ANSWER	124	47.5	261	100.0

YS057	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	943	.	.	.
INCORRECT ANSWER	220	83.3	220	83.3
CORRECT ANSWER	44	16.7	264	100.0

YS058	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	923	.	.	.
INCORRECT ANSWER	203	71.5	203	71.5
CORRECT ANSWER	81	28.5	284	100.0

YS059	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	903	.	.	.
INCORRECT ANSWER	57	18.8	57	18.8
CORRECT ANSWER	247	81.3	304	100.0

YS060	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	914	.	.	.
INCORRECT ANSWER	152	51.9	152	51.9
CORRECT ANSWER	141	48.1	293	100.0

YS061	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	929	.	.	.
INCORRECT ANSWER	63	22.7	63	22.7
CORRECT ANSWER	215	77.3	278	100.0

YS062	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	934	.	.	.
INCORRECT ANSWER	146	53.5	146	53.5
CORRECT ANSWER	127	46.5	273	100.0

YS063	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	931	.	.	.
INCORRECT ANSWER	90	32.6	90	32.6
CORRECT ANSWER	186	67.4	276	100.0

YS064	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	919	.	.	.
INCORRECT ANSWER	123	42.7	123	42.7
CORRECT ANSWER	165	57.3	288	100.0

YS065	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	928	.	.	.
INCORRECT ANSWER	84	30.1	84	30.1
CORRECT ANSWER	195	69.9	279	100.0

YS066	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	911	.	.	.
INCORRECT ANSWER	18	6.1	18	6.1
CORRECT ANSWER	278	93.9	296	100.0

YS067	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	919	.	.	.
INCORRECT ANSWER	135	46.9	135	46.9
CORRECT ANSWER	153	53.1	288	100.0

YS068	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	917	.	.	.
INCORRECT ANSWER	173	59.7	173	59.7
CORRECT ANSWER	117	40.3	290	100.0

YS069	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	919	.	.	.
INCORRECT ANSWER	107	37.2	107	37.2
CORRECT ANSWER	181	62.8	288	100.0

YS070	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	903	.	.	.
INCORRECT ANSWER	36	11.8	36	11.8
CORRECT ANSWER	268	88.2	304	100.0

YS071	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	931	.	.	.
INCORRECT ANSWER	200	72.5	200	72.5
CORRECT ANSWER	76	27.5	276	100.0

YS072	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	914	.	.	.
INCORRECT ANSWER	124	42.3	124	42.3
CORRECT ANSWER	169	57.7	293	100.0

YS073	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	933	.	.	.
INCORRECT ANSWER	191	69.7	191	69.7
CORRECT ANSWER	83	30.3	274	100.0

YS074	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	931	.	.	.
INCORRECT ANSWER	103	37.3	103	37.3
CORRECT ANSWER	173	62.7	276	100.0

YS075	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	925	.	.	.
INCORRECT ANSWER	120	42.6	120	42.6
CORRECT ANSWER	162	57.4	282	100.0

YS076	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	926	.	.	.
INCORRECT ANSWER	160	56.9	160	56.9
CORRECT ANSWER	121	43.1	281	100.0

YS077	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	917	.	.	.
INCORRECT ANSWER	45	15.5	45	15.5
CORRECT ANSWER	245	84.5	290	100.0

YS078	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	923	.	.	.
INCORRECT ANSWER	253	89.1	253	89.1
CORRECT ANSWER	31	10.9	284	100.0

YS079	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	908	.	.	.
INCORRECT ANSWER	108	36.1	108	36.1
CORRECT ANSWER	191	63.9	299	100.0

YS080	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	914	.	.	.
INCORRECT ANSWER	154	52.6	154	52.6
CORRECT ANSWER	139	47.4	293	100.0

YS081	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	904	.	.	.
INCORRECT ANSWER	222	73.3	222	73.3
CORRECT ANSWER	81	26.7	303	100.0

YS082	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	928	.	.	.
INCORRECT ANSWER	36	12.9	36	12.9
CORRECT ANSWER	243	87.1	279	100.0

YS083	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	904	.	.	.
INCORRECT ANSWER	133	43.9	133	43.9
CORRECT ANSWER	170	56.1	303	100.0

YS084	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	906	.	.	.
INCORRECT ANSWER	109	36.2	109	36.2
CORRECT ANSWER	192	63.8	301	100.0

YS085	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	933	.	.	.
INCORRECT ANSWER	217	79.2	217	79.2
CORRECT ANSWER	57	20.8	274	100.0

YS086	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	911	.	.	.
INCORRECT ANSWER	123	41.6	123	41.6
CORRECT ANSWER	173	58.4	296	100.0

YS087	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	925	.	.	.
INCORRECT ANSWER	85	30.1	85	30.1
CORRECT ANSWER	197	69.9	282	100.0

YS088	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	903	.	.	.
INCORRECT ANSWER	101	33.2	101	33.2
CORRECT ANSWER	203	66.8	304	100.0

YS089	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	932	.	.	.
INCORRECT ANSWER	185	67.3	185	67.3
CORRECT ANSWER	90	32.7	275	100.0

YS090	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	920	.	.	.
INCORRECT ANSWER	140	48.8	140	48.8
CORRECT ANSWER	147	51.2	287	100.0

YS091	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	929	.	.	.
INCORRECT ANSWER	83	29.9	83	29.9
CORRECT ANSWER	195	70.1	278	100.0

YS092	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	929	.	.	.
INCORRECT ANSWER	84	30.2	84	30.2
CORRECT ANSWER	194	69.8	278	100.0

YS093	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	910	.	.	.
INCORRECT ANSWER	193	65.0	193	65.0
CORRECT ANSWER	104	35.0	297	100.0

YS094	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	914	.	.	.
INCORRECT ANSWER	78	26.6	78	26.6
CORRECT ANSWER	215	73.4	293	100.0

YS095	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	924	.	.	.
INCORRECT ANSWER	124	43.8	124	43.8
CORRECT ANSWER	159	56.2	283	100.0

YS096	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	907	.	.	.
INCORRECT ANSWER	160	53.3	160	53.3
CORRECT ANSWER	140	46.7	300	100.0

YS097	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	915	.	.	.
INCORRECT ANSWER	111	38.0	111	38.0
CORRECT ANSWER	181	62.0	292	100.0

YS098	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	906	.	.	.
INCORRECT ANSWER	62	20.6	62	20.6
CORRECT ANSWER	239	79.4	301	100.0

YS099	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	910	.	.	.
INCORRECT ANSWER	121	40.7	121	40.7
CORRECT ANSWER	176	59.3	297	100.0

YS100	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	918	.	.	.
INCORRECT ANSWER	221	76.5	221	76.5
CORRECT ANSWER	68	23.5	289	100.0

YS101	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	915	.	.	.
INCORRECT ANSWER	128	43.8	128	43.8
CORRECT ANSWER	164	56.2	292	100.0

YS102	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	932	.	.	.
INCORRECT ANSWER	124	45.1	124	45.1
CORRECT ANSWER	151	54.9	275	100.0

YS103	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	904	.	.	.
INCORRECT ANSWER	97	32.0	97	32.0
CORRECT ANSWER	206	68.0	303	100.0

YS104	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	918	.	.	.
INCORRECT ANSWER	135	46.7	135	46.7
CORRECT ANSWER	154	53.3	289	100.0

YS105	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	912	.	.	.
INCORRECT ANSWER	177	60.0	177	60.0
CORRECT ANSWER	118	40.0	295	100.0

YS106	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	928	.	.	.
INCORRECT ANSWER	48	17.2	48	17.2
CORRECT ANSWER	231	82.8	279	100.0

YS107	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	918	.	.	.
INCORRECT ANSWER	66	22.8	66	22.8
CORRECT ANSWER	223	77.2	289	100.0

YS108	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	907	.	.	.
INCORRECT ANSWER	267	89.0	267	89.0
CORRECT ANSWER	33	11.0	300	100.0

YS109	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	933	.	.	.
INCORRECT ANSWER	217	79.2	217	79.2
CORRECT ANSWER	57	20.8	274	100.0

YS110	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	932	.	.	.
INCORRECT ANSWER	202	73.5	202	73.5
CORRECT ANSWER	73	26.5	275	100.0

YS111	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	937	.	.	.
INCORRECT ANSWER	189	70.0	189	70.0
CORRECT ANSWER	81	30.0	270	100.0

YS112	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	928	.	.	.
INCORRECT ANSWER	174	62.4	174	62.4
CORRECT ANSWER	105	37.6	279	100.0

YS113	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	933	.	.	.
INCORRECT ANSWER	102	37.2	102	37.2
CORRECT ANSWER	172	62.8	274	100.0

YS114	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	936	.	.	.
INCORRECT ANSWER	180	66.4	180	66.4
CORRECT ANSWER	91	33.6	271	100.0

YS115	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	929	.	.	.
INCORRECT ANSWER	163	58.6	163	58.6
CORRECT ANSWER	115	41.4	278	100.0

YS116	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	927	.	.	.
INCORRECT ANSWER	178	63.6	178	63.6
CORRECT ANSWER	102	36.4	280	100.0

YS117	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	911	.	.	.
INCORRECT ANSWER	126	42.6	126	42.6
CORRECT ANSWER	170	57.4	296	100.0

YS118	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	928	.	.	.
INCORRECT ANSWER	143	51.3	143	51.3
CORRECT ANSWER	136	48.7	279	100.0

YS119	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	934	.	.	.
INCORRECT ANSWER	142	52.0	142	52.0
CORRECT ANSWER	131	48.0	273	100.0

YS120	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	934	.	.	.
INCORRECT ANSWER	222	81.3	222	81.3
CORRECT ANSWER	51	18.7	273	100.0

YS121	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	925	.	.	.
INCORRECT ANSWER	261	92.6	261	92.6
CORRECT ANSWER	21	7.4	282	100.0

YS122	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	928	.	.	.
INCORRECT ANSWER	178	63.8	178	63.8
CORRECT ANSWER	101	36.2	279	100.0

YS123	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	949	.	.	.
INCORRECT ANSWER	208	80.6	208	80.6
CORRECT ANSWER	50	19.4	258	100.0

YS124	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	939	.	.	.
INCORRECT ANSWER	167	62.3	167	62.3
CORRECT ANSWER	101	37.7	268	100.0

YS125	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	929	.	.	.
INCORRECT ANSWER	142	51.1	142	51.1
CORRECT ANSWER	136	48.9	278	100.0

YS126	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	917	.	.	.
INCORRECT ANSWER	223	76.9	223	76.9
CORRECT ANSWER	67	23.1	290	100.0

YS127	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1207	.	.	.

YS128	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	907	.	.	.
INCORRECT ANSWER	188	62.7	188	62.7
CORRECT ANSWER	112	37.3	300	100.0

YS129	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	908	.	.	.
INCORRECT ANSWER	211	70.6	211	70.6
CORRECT ANSWER	88	29.4	299	100.0

YS130	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	932	.	.	.
INCORRECT ANSWER	197	71.6	197	71.6
CORRECT ANSWER	78	28.4	275	100.0

YS131	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	938	.	.	.
INCORRECT ANSWER	230	85.5	230	85.5
CORRECT ANSWER	39	14.5	269	100.0

YS132	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	946	.	.	.
INCORRECT ANSWER	220	84.3	220	84.3
CORRECT ANSWER	41	15.7	261	100.0

YS133	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	918	.	.	.
INCORRECT ANSWER	188	65.1	188	65.1
CORRECT ANSWER	101	34.9	289	100.0

YS134	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	928	.	.	.
INCORRECT ANSWER	245	87.8	245	87.8
CORRECT ANSWER	34	12.2	279	100.0

YS135	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	950	.	.	.
INCORRECT ANSWER	161	62.6	161	62.6
CORRECT ANSWER	96	37.4	257	100.0

YS136	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	951	.	.	.
INCORRECT ANSWER	200	78.1	200	78.1
CORRECT ANSWER	56	21.9	256	100.0

YR001	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	912	.	.	.
A	2	0.7	2	0.7
B	3	1.0	5	1.7
C	48	16.3	53	18.0
E	11	3.7	64	21.7
CORRECT RESPONSE	231	78.3	295	100.0

YR002	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	912	.	.	.
A	86	29.2	86	29.2
C	8	2.7	94	31.9
D	9	3.1	103	34.9
E	33	11.2	136	46.1
CORRECT RESPONSE	159	53.9	295	100.0

YR003	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	917	.	.	.
A	53	18.3	53	18.3
B	36	12.4	89	30.7
C	58	20.0	147	50.7
E	32	11.0	179	61.7
CORRECT RESPONSE	111	38.3	290	100.0

YR004	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	913	.	.	.
A	41	13.9	41	13.9
B	59	20.1	100	34.0
C	14	4.8	114	38.8
D	82	27.9	196	66.7
CORRECT RESPONSE	98	33.3	294	100.0

YR005	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	905	.	.	.
B	5	1.7	5	1.7
C	40	13.2	45	14.9
D	6	2.0	51	16.9
E	33	10.9	84	27.8
CORRECT RESPONSE	218	72.2	302	100.0

YR006	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	912	.	.	.
A	3	1.0	3	1.0
B	38	12.9	41	13.9
C	10	3.4	51	17.3
D	33	11.2	84	28.5
CORRECT RESPONSE	211	71.5	295	100.0

YR007	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
A	70	25.4	70	25.4
C	21	7.6	91	33.0
D	19	6.9	110	39.9
E	67	24.3	177	64.1
CORRECT RESPONSE	99	35.9	276	100.0

YR008	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
B	37	13.5	37	13.5
C	21	7.7	58	21.2
D	2	0.7	60	21.9
E	171	62.4	231	84.3
CORRECT RESPONSE	43	15.7	274	100.0

YR009	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
A	15	5.5	15	5.5
C	14	5.1	29	10.5
D	19	6.9	48	17.5
E	15	5.5	63	22.9
CORRECT RESPONSE	212	77.1	275	100.0

YR010	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
A	29	10.0	29	10.0
B	38	13.1	67	23.2
D	44	15.2	111	38.4
E	19	6.6	130	45.0
CORRECT RESPONSE	159	55.0	289	100.0

YR011	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	924	.	.	.
A	56	19.8	56	19.8
B	43	15.2	99	35.0
C	57	20.1	156	55.1
D	33	11.7	189	66.8
CORRECT RESPONSE	94	33.2	283	100.0

YR012	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
A	41	14.9	41	14.9
B	31	11.2	72	26.1
C	37	13.4	109	39.5
E	19	6.9	128	46.4
CORRECT RESPONSE	148	53.6	276	100.0

YR013	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	909	.	.	.
A	22	7.4	22	7.4
C	17	5.7	39	13.1
D	22	7.4	61	20.5
E	28	9.4	89	29.9
CORRECT RESPONSE	209	70.1	298	100.0

YR014	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	913	.	.	.
A	6	2.0	6	2.0
B	44	15.0	50	17.0
E	1	0.3	51	17.3
CORRECT RESPONSE	243	82.7	294	100.0

YR015	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	905	.	.	.
A	18	6.0	18	6.0
B	13	4.3	31	10.3
D	15	5.0	46	15.2
E	5	1.7	51	16.9
CORRECT RESPONSE	251	83.1	302	100.0

YR016	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
B	72	25.9	72	25.9
C	21	7.6	93	33.5
D	6	2.2	99	35.6
E	8	2.9	107	38.5
CORRECT RESPONSE	171	61.5	278	100.0

YR017	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	908	.	.	.
A	91	30.4	91	30.4
C	19	6.4	110	36.8
D	12	4.0	122	40.8
E	8	2.7	130	43.5
CORRECT RESPONSE	169	56.5	299	100.0

YR018	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	913	.	.	.
A	8	2.7	8	2.7
B	39	13.3	47	16.0
D	90	30.6	137	46.6
E	27	9.2	164	55.8
CORRECT RESPONSE	130	44.2	294	100.0

YR019	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
A	28	10.1	28	10.1
B	14	5.1	42	15.2
C	17	6.1	59	21.3
D	13	4.7	72	26.0
CORRECT RESPONSE	205	74.0	277	100.0

YR020	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
A	9	3.3	9	3.3
B	7	2.5	16	5.8
C	34	12.4	50	18.2
E	141	51.3	191	69.5
CORRECT RESPONSE	84	30.5	275	100.0

YR021	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
A	84	29.8	84	29.8
C	20	7.1	104	36.9
D	23	8.2	127	45.0
E	91	32.3	218	77.3
CORRECT RESPONSE	64	22.7	282	100.0

YR022	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
A	21	7.7	21	7.7
B	55	20.1	76	27.8
C	38	13.9	114	41.8
D	54	19.8	168	61.5
CORRECT RESPONSE	105	38.5	273	100.0

YR023	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
B	32	11.7	32	11.7
C	31	11.4	63	23.1
D	53	19.4	116	42.5
E	92	33.7	208	76.2
CORRECT RESPONSE	65	23.8	273	100.0

YR024	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	916	.	.	.
B	8	2.7	8	2.7
C	21	7.2	29	10.0
D	52	17.9	81	27.8
E	7	2.4	88	30.2
CORRECT RESPONSE	203	69.8	291	100.0

YR025	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
A	6	2.2	6	2.2
B	15	5.4	21	7.6
D	19	6.8	40	14.4
E	17	6.1	57	20.5
CORRECT RESPONSE	221	79.5	278	100.0

YR026	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
A	9	3.3	9	3.3
B	28	10.1	37	13.4
C	10	3.6	47	17.0
E	66	23.9	113	40.9
CORRECT RESPONSE	163	59.1	276	100.0

YR027	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	904	.	.	.
A	38	12.5	38	12.5
C	26	8.6	64	21.1
D	16	5.3	80	26.4
E	40	13.2	120	39.6
CORRECT RESPONSE	183	60.4	303	100.0

YR028	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	904	.	.	.
A	8	2.6	8	2.6
B	107	35.3	115	38.0
D	43	14.2	158	52.1
E	11	3.6	169	55.8
CORRECT RESPONSE	134	44.2	303	100.0

YR029	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
A	18	6.4	18	6.4
B	13	4.6	31	11.0
C	31	11.0	62	22.1
E	22	7.8	84	29.9
CORRECT RESPONSE	197	70.1	281	100.0

YR030	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
A	12	4.3	12	4.3
B	12	4.3	24	8.6
C	15	5.4	39	13.9
E	45	16.1	84	30.0
CORRECT RESPONSE	196	70.0	280	100.0

YR031	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
A	2	0.7	2	0.7
C	7	2.5	9	3.2
D	17	6.1	26	9.3
E	6	2.2	32	11.5
CORRECT RESPONSE	247	88.5	279	100.0

YR032	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	906	.	.	.
B	46	15.3	46	15.3
C	8	2.7	54	17.9
D	37	12.3	91	30.2
E	44	14.6	135	44.9
CORRECT RESPONSE	166	55.1	301	100.0

YR033	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	942	.	.	.
A	14	5.3	14	5.3
B	17	6.4	31	11.7
C	79	29.8	110	41.5
D	52	19.6	162	61.1
CORRECT RESPONSE	103	38.9	265	100.0

YR034	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
A	12	4.3	12	4.3
B	22	8.0	34	12.3
D	52	18.8	86	31.2
E	74	26.8	160	58.0
CORRECT RESPONSE	116	42.0	276	100.0

YR035	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	920	.	.	.
A	38	13.2	38	13.2
C	15	5.2	53	18.5
D	22	7.7	75	26.1
E	13	4.5	88	30.7
CORRECT RESPONSE	199	69.3	287	100.0

YR036	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	923	.	.	.
A	25	8.8	25	8.8
B	8	2.8	33	11.6
D	4	1.4	37	13.0
E	4	1.4	41	14.4
CORRECT RESPONSE	243	85.6	284	100.0

YR037	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	922	.	.	.
B	7	2.5	7	2.5
C	5	1.8	12	4.2
D	20	7.0	32	11.2
E	6	2.1	38	13.3
CORRECT RESPONSE	247	86.7	285	100.0

YR038	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	906	.	.	.
A	38	12.6	38	12.6
C	31	10.3	69	22.9
D	32	10.6	101	33.6
E	15	5.0	116	38.5
CORRECT RESPONSE	185	61.5	301	100.0

YR039	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	920	.	.	.
B	15	5.2	15	5.2
C	15	5.2	30	10.5
D	28	9.8	58	20.2
E	58	20.2	116	40.4
CORRECT RESPONSE	171	59.6	287	100.0

YR040	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	935	.	.	.
A	46	16.9	46	16.9
B	64	23.5	110	40.4
D	25	9.2	135	49.6
E	29	10.7	164	60.3
CORRECT RESPONSE	108	39.7	272	100.0

YR041	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	909	.	.	.
A	12	4.0	12	4.0
B	13	4.4	25	8.4
C	47	15.8	72	24.2
D	15	5.0	87	29.2
CORRECT RESPONSE	211	70.8	298	100.0

YR042	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
A	40	14.2	40	14.2
B	47	16.7	87	30.9
C	9	3.2	96	34.0
E	1	0.4	97	34.4
CORRECT RESPONSE	185	65.6	282	100.0

YR043	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	906	.	.	.
A	10	3.3	10	3.3
B	34	11.3	44	14.6
C	37	12.3	81	26.9
D	75	24.9	156	51.8
CORRECT RESPONSE	145	48.2	301	100.0

YR044	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
A	13	4.5	13	4.5
B	10	3.5	23	8.0
C	70	24.2	93	32.2
E	61	21.1	154	53.3
CORRECT RESPONSE	135	46.7	289	100.0

YR045	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	915	.	.	.
A	45	15.4	45	15.4
C	19	6.5	64	21.9
D	10	3.4	74	25.3
E	25	8.6	99	33.9
CORRECT RESPONSE	193	66.1	292	100.0

YR046	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
A	2	0.7	2	0.7
B	4	1.4	6	2.1
D	3	1.1	9	3.2
CORRECT RESPONSE	271	96.8	280	100.0

YR047	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	910	.	.	.
A	52	17.5	52	17.5
B	26	8.8	78	26.3
D	13	4.4	91	30.6
E	30	10.1	121	40.7
CORRECT RESPONSE	176	59.3	297	100.0

YR048	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
A	13	4.7	13	4.7
B	8	2.9	21	7.6
C	44	15.9	65	23.5
E	5	1.8	70	25.3
CORRECT RESPONSE	207	74.7	277	100.0

YR049	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
A	34	12.4	34	12.4
C	42	15.3	76	27.6
D	13	4.7	89	32.4
E	14	5.1	103	37.5
CORRECT RESPONSE	172	62.5	275	100.0

YR050	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
A	26	9.0	26	9.0
B	19	6.6	45	15.6
C	23	8.0	68	23.5
D	13	4.5	81	28.0
CORRECT RESPONSE	208	72.0	289	100.0

YR051	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
A	55	19.6	55	19.6
C	40	14.3	95	33.9
D	13	4.6	108	38.6
E	19	6.8	127	45.4
CORRECT RESPONSE	153	54.6	280	100.0

YR052	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
A	1	0.4	1	0.4
C	74	26.3	75	26.7
D	2	0.7	77	27.4
E	4	1.4	81	28.8
CORRECT RESPONSE	200	71.2	281	100.0

YR053	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
A	39	14.1	39	14.1
B	80	29.0	119	43.1
C	53	19.2	172	62.3
E	26	9.4	198	71.7
CORRECT RESPONSE	78	28.3	276	100.0

YR054	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
B	106	38.5	106	38.5
C	18	6.5	124	45.1
D	5	1.8	129	46.9
E	7	2.5	136	49.5
CORRECT RESPONSE	139	50.5	275	100.0

YR055	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	916	.	.	.
A	64	22.0	64	22.0
B	36	12.4	100	34.4
D	9	3.1	109	37.5
E	16	5.5	125	43.0
CORRECT RESPONSE	166	57.0	291	100.0

YR056	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	946	.	.	.
B	36	13.8	36	13.8
C	20	7.7	56	21.5
D	64	24.5	120	46.0
E	17	6.5	137	52.5
CORRECT RESPONSE	124	47.5	261	100.0

YR057	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	943	.	.	.
A	72	27.3	72	27.3
B	30	11.4	102	38.6
C	30	11.4	132	50.0
D	88	33.3	220	83.3
CORRECT RESPONSE	44	16.7	264	100.0

YR058	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	923	.	.	.
A	89	31.3	89	31.3
B	65	22.9	154	54.2
D	21	7.4	175	61.6
E	28	9.9	203	71.5
CORRECT RESPONSE	81	28.5	284	100.0

YR059	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	903	.	.	.
A	4	1.3	4	1.3
C	35	11.5	39	12.8
D	12	3.9	51	16.8
E	6	2.0	57	18.7
CORRECT RESPONSE	247	81.3	304	100.0

YR060	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	914	.	.	.
B	6	2.0	6	2.0
C	145	49.5	151	51.5
E	1	0.3	152	51.9
CORRECT RESPONSE	141	48.1	293	100.0

YR061	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
A	40	14.4	40	14.4
C	9	3.2	49	17.6
D	7	2.5	56	20.1
E	7	2.5	63	22.7
CORRECT RESPONSE	215	77.3	278	100.0

YR062	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
A	19	7.0	19	7.0
C	79	28.9	98	35.9
D	31	11.4	129	47.3
E	17	6.2	146	53.5
CORRECT RESPONSE	127	46.5	273	100.0

YR063	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
A	8	2.9	8	2.9
B	61	22.1	69	25.0
D	13	4.7	82	29.7
E	8	2.9	90	32.6
CORRECT RESPONSE	186	67.4	276	100.0

YR064	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	919	.	.	.
A	16	5.6	16	5.6
B	41	14.2	57	19.8
C	56	19.4	113	39.2
D	10	3.5	123	42.7
CORRECT RESPONSE	165	57.3	288	100.0

YR065	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
B	18	6.5	18	6.5
C	33	11.8	51	18.3
D	17	6.1	68	24.4
E	16	5.7	84	30.1
CORRECT RESPONSE	195	69.9	279	100.0

YR066	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	911	.	.	.
B	5	1.7	5	1.7
C	1	0.3	6	2.0
D	7	2.4	13	4.4
E	5	1.7	18	6.1
CORRECT RESPONSE	278	93.9	296	100.0

YR067	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	919	.	.	.
A	69	24.0	69	24.0
B	8	2.8	77	26.7
C	45	15.6	122	42.4
E	13	4.5	135	46.9
CORRECT RESPONSE	153	53.1	288	100.0

YR068	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	917	.	.	.
A	66	22.8	66	22.8
B	37	12.8	103	35.5
D	21	7.2	124	42.8
E	49	16.9	173	59.7
CORRECT RESPONSE	117	40.3	290	100.0

YR069	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	919	.	.	.
B	6	2.1	6	2.1
C	37	12.8	43	14.9
D	39	13.5	82	28.5
E	25	8.7	107	37.2
CORRECT RESPONSE	181	62.8	288	100.0

YR070	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	903	.	.	.
A	8	2.6	8	2.6
B	8	2.6	16	5.3
C	9	3.0	25	8.2
D	11	3.6	36	11.8
CORRECT RESPONSE	268	88.2	304	100.0

YR071	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
A	17	6.2	17	6.2
B	33	12.0	50	18.1
C	44	15.9	94	34.1
E	106	38.4	200	72.5
CORRECT RESPONSE	76	27.5	276	100.0

YR072	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	914	.	.	.
A	11	3.8	11	3.8
B	21	7.2	32	10.9
C	64	21.8	96	32.8
E	28	9.6	124	42.3
CORRECT RESPONSE	169	57.7	293	100.0

YR073	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
A	109	39.8	109	39.8
B	41	15.0	150	54.7
D	26	9.5	176	64.2
E	15	5.5	191	69.7
CORRECT RESPONSE	83	30.3	274	100.0

YR074	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
B	37	13.4	37	13.4
C	27	9.8	64	23.2
D	14	5.1	78	28.3
E	25	9.1	103	37.3
CORRECT RESPONSE	173	62.7	276	100.0

YR075	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
A	24	8.5	24	8.5
C	70	24.8	94	33.3
D	17	6.0	111	39.4
E	9	3.2	120	42.6
CORRECT RESPONSE	162	57.4	282	100.0

YR076	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
A	65	23.1	65	23.1
B	29	10.3	94	33.5
C	36	12.8	130	46.3
D	30	10.7	160	56.9
CORRECT RESPONSE	121	43.1	281	100.0

YR077	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	917	.	.	.
A	6	2.1	6	2.1
B	22	7.6	28	9.7
D	12	4.1	40	13.8
E	5	1.7	45	15.5
CORRECT RESPONSE	245	84.5	290	100.0

YR078	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	923	.	.	.
A	141	49.6	141	49.6
B	24	8.5	165	58.1
D	77	27.1	242	85.2
E	11	3.9	253	89.1
CORRECT RESPONSE	31	10.9	284	100.0

YR079	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	908	.	.	.
A	48	16.1	48	16.1
C	37	12.4	85	28.4
D	11	3.7	96	32.1
E	12	4.0	108	36.1
CORRECT RESPONSE	191	63.9	299	100.0

YR080	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	914	.	.	.
B	34	11.6	34	11.6
C	36	12.3	70	23.9
D	69	23.5	139	47.4
E	15	5.1	154	52.6
CORRECT RESPONSE	139	47.4	293	100.0

YR081	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	904	.	.	.
A	20	6.6	20	6.6
B	168	55.4	188	62.0
C	23	7.6	211	69.6
E	11	3.6	222	73.3
CORRECT RESPONSE	81	26.7	303	100.0

YR082	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
A	2	0.7	2	0.7
B	26	9.3	28	10.0
D	8	2.9	36	12.9
CORRECT RESPONSE	243	87.1	279	100.0

YR083	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	904	.	.	.
A	74	24.4	74	24.4
B	17	5.6	91	30.0
C	24	7.9	115	38.0
E	18	5.9	133	43.9
CORRECT RESPONSE	170	56.1	303	100.0

YR084	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	906	.	.	.
A	49	16.3	49	16.3
B	14	4.7	63	20.9
C	22	7.3	85	28.2
D	24	8.0	109	36.2
CORRECT RESPONSE	192	63.8	301	100.0

YR085	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
B	53	19.3	53	19.3
C	39	14.2	92	33.6
D	48	17.5	140	51.1
E	77	28.1	217	79.2
CORRECT RESPONSE	57	20.8	274	100.0

YR086	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	911	.	.	.
A	32	10.8	32	10.8
C	15	5.1	47	15.9
D	16	5.4	63	21.3
E	60	20.3	123	41.6
CORRECT RESPONSE	173	58.4	296	100.0

YR087	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
A	7	2.5	7	2.5
B	54	19.1	61	21.6
C	21	7.4	82	29.1
E	3	1.1	85	30.1
CORRECT RESPONSE	197	69.9	282	100.0

YR088	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	903	.	.	.
A	29	9.5	29	9.5
C	54	17.8	83	27.3
D	15	4.9	98	32.2
E	3	1.0	101	33.2
CORRECT RESPONSE	203	66.8	304	100.0

YR089	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
B	42	15.3	42	15.3
C	23	8.4	65	23.6
D	24	8.7	89	32.4
E	96	34.9	185	67.3
CORRECT RESPONSE	90	32.7	275	100.0

YR090	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	920	.	.	.
A	68	23.7	68	23.7
B	22	7.7	90	31.4
C	17	5.9	107	37.3
D	33	11.5	140	48.8
CORRECT RESPONSE	147	51.2	287	100.0

YR091	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
B	5	1.8	5	1.8
C	26	9.4	31	11.2
D	10	3.6	41	14.7
E	42	15.1	83	29.9
CORRECT RESPONSE	195	70.1	278	100.0

YR092	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
A	26	9.4	26	9.4
B	11	4.0	37	13.3
D	13	4.7	50	18.0
E	34	12.2	84	30.2
CORRECT RESPONSE	194	69.8	278	100.0

YR093	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	910	.	.	.
A	42	14.1	42	14.1
C	62	20.9	104	35.0
D	57	19.2	161	54.2
E	32	10.8	193	65.0
CORRECT RESPONSE	104	35.0	297	100.0

YR094	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	914	.	.	.
A	5	1.7	5	1.7
B	47	16.0	52	17.7
C	24	8.2	76	25.9
E	2	0.7	78	26.6
CORRECT RESPONSE	215	73.4	293	100.0

YR095	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	924	.	.	.
A	37	13.1	37	13.1
B	35	12.4	72	25.4
D	35	12.4	107	37.8
E	17	6.0	124	43.8
CORRECT RESPONSE	159	56.2	283	100.0

YR096	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	907	.	.	.
B	71	23.7	71	23.7
C	16	5.3	87	29.0
D	11	3.7	98	32.7
E	62	20.7	160	53.3
CORRECT RESPONSE	140	46.7	300	100.0

YR097	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	915	.	.	.
A	13	4.5	13	4.5
B	61	20.9	74	25.3
C	22	7.5	96	32.9
E	15	5.1	111	38.0
CORRECT RESPONSE	181	62.0	292	100.0

YR098	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	906	.	.	.
A	5	1.7	5	1.7
B	6	2.0	11	3.7
C	6	2.0	17	5.6
D	45	15.0	62	20.6
CORRECT RESPONSE	239	79.4	301	100.0

YR099	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	910	.	.	.
A	41	13.8	41	13.8
B	17	5.7	58	19.5
C	49	16.5	107	36.0
E	14	4.7	121	40.7
CORRECT RESPONSE	176	59.3	297	100.0

YR100	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
B	93	32.2	93	32.2
C	62	21.5	155	53.6
D	52	18.0	207	71.6
E	14	4.8	221	76.5
CORRECT RESPONSE	68	23.5	289	100.0

YR101	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	915	.	.	.
A	32	11.0	32	11.0
C	43	14.7	75	25.7
D	12	4.1	87	29.8
E	41	14.0	128	43.8
CORRECT RESPONSE	164	56.2	292	100.0

YR102	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
A	28	10.2	28	10.2
B	41	14.9	69	25.1
C	25	9.1	94	34.2
D	30	10.9	124	45.1
CORRECT RESPONSE	151	54.9	275	100.0

YR103	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	904	.	.	.
A	29	9.6	29	9.6
B	19	6.3	48	15.8
D	10	3.3	58	19.1
E	39	12.9	97	32.0
CORRECT RESPONSE	206	68.0	303	100.0

YR104	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
A	65	22.5	65	22.5
B	18	6.2	83	28.7
C	34	11.8	117	40.5
D	18	6.2	135	46.7
CORRECT RESPONSE	154	53.3	289	100.0

YR105	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	912	.	.	.
B	11	3.7	11	3.7
C	132	44.7	143	48.5
D	18	6.1	161	54.6
E	16	5.4	177	60.0
CORRECT RESPONSE	118	40.0	295	100.0

YR106	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
A	9	3.2	9	3.2
B	23	8.2	32	11.5
D	12	4.3	44	15.8
E	4	1.4	48	17.2
CORRECT RESPONSE	231	82.8	279	100.0

YR107	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
B	20	6.9	20	6.9
C	16	5.5	36	12.5
D	5	1.7	41	14.2
E	25	8.7	66	22.8
CORRECT RESPONSE	223	77.2	289	100.0

YR108	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	907	.	.	.
A	161	53.7	161	53.7
C	14	4.7	175	58.3
D	16	5.3	191	63.7
E	76	25.3	267	89.0
CORRECT RESPONSE	33	11.0	300	100.0

YR109	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
A	108	39.4	108	39.4
B	34	12.4	142	51.8
C	32	11.7	174	63.5
D	43	15.7	217	79.2
CORRECT RESPONSE	57	20.8	274	100.0

YR110	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
A	4	1.5	4	1.5
C	168	61.1	172	62.5
D	17	6.2	189	68.7
E	13	4.7	202	73.5
CORRECT RESPONSE	73	26.5	275	100.0

YR111	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	937	.	.	.
A	30	11.1	30	11.1
B	38	14.1	68	25.2
C	63	23.3	131	48.5
E	58	21.5	189	70.0
CORRECT RESPONSE	81	30.0	270	100.0

YR112	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
A	41	14.7	41	14.7
C	50	17.9	91	32.6
D	26	9.3	117	41.9
E	57	20.4	174	62.4
CORRECT RESPONSE	105	37.6	279	100.0

YR113	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
A	11	4.0	11	4.0
C	48	17.5	59	21.5
D	31	11.3	90	32.8
E	12	4.4	102	37.2
CORRECT RESPONSE	172	62.8	274	100.0

YR114	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	936	.	.	.
A	17	6.3	17	6.3
B	38	14.0	55	20.3
C	80	29.5	135	49.8
D	45	16.6	180	66.4
CORRECT RESPONSE	91	33.6	271	100.0

YR115	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
A	98	35.3	98	35.3
B	14	5.0	112	40.3
D	38	13.7	150	54.0
E	13	4.7	163	58.6
CORRECT RESPONSE	115	41.4	278	100.0

YR116	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
A	34	12.1	34	12.1
B	29	10.4	63	22.5
D	63	22.5	126	45.0
E	52	18.6	178	63.6
CORRECT RESPONSE	102	36.4	280	100.0

YR117	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	911	.	.	.
A	61	20.6	61	20.6
B	30	10.1	91	30.7
D	27	9.1	118	39.9
E	8	2.7	126	42.6
CORRECT RESPONSE	170	57.4	296	100.0

YR118	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
A	50	17.9	50	17.9
B	31	11.1	81	29.0
C	35	12.5	116	41.6
E	27	9.7	143	51.3
CORRECT RESPONSE	136	48.7	279	100.0

YR119	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
B	23	8.4	23	8.4
C	28	10.3	51	18.7
D	67	24.5	118	43.2
E	24	8.8	142	52.0
CORRECT RESPONSE	131	48.0	273	100.0

YR120	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
A	5	1.8	5	1.8
B	36	13.2	41	15.0
C	57	20.9	98	35.9
D	124	45.4	222	81.3
CORRECT RESPONSE	51	18.7	273	100.0

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YR121	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
A	11	3.9	11	3.9
B	203	72.0	214	75.9
C	25	8.9	239	84.8
D	22	7.8	261	92.6
CORRECT RESPONSE	21	7.4	282	100.0

YR122	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
A	23	8.2	23	8.2
B	54	19.4	77	27.6
C	19	6.8	96	34.4
E	82	29.4	178	63.8
CORRECT RESPONSE	101	36.2	279	100.0

YR123	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	949	.	.	.
B	43	16.7	43	16.7
C	47	18.2	90	34.9
D	33	12.8	123	47.7
E	85	32.9	208	80.6
CORRECT RESPONSE	50	19.4	258	100.0

YR124	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	939	.	.	.
A	72	26.9	72	26.9
B	40	14.9	112	41.8
D	46	17.2	158	59.0
E	9	3.4	167	62.3
CORRECT RESPONSE	101	37.7	268	100.0

YR125	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
A	64	23.0	64	23.0
B	10	3.6	74	26.6
D	25	9.0	99	35.6
E	43	15.5	142	51.1
CORRECT RESPONSE	136	48.9	278	100.0

YR126	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	917	.	.	.
A	54	18.6	54	18.6
B	43	14.8	97	33.4
C	66	22.8	163	56.2
E	60	20.7	223	76.9
CORRECT RESPONSE	67	23.1	290	100.0

YR127	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1207	.	.	.

YR128	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	907	.	.	.
A	51	17.0	51	17.0
B	68	22.7	119	39.7
D	34	11.3	153	51.0
E	35	11.7	188	62.7
CORRECT RESPONSE	112	37.3	300	100.0

YR129	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	908	.	.	.
B	94	31.4	94	31.4
C	70	23.4	164	54.8
D	44	14.7	208	69.6
E	3	1.0	211	70.6
CORRECT RESPONSE	88	29.4	299	100.0

YR130	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
A	31	11.3	31	11.3
C	43	15.6	74	26.9
D	30	10.9	104	37.8
E	93	33.8	197	71.6
CORRECT RESPONSE	78	28.4	275	100.0

NEW ZEALAND — POPULATION B
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YR131	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	938	.	.	.
A	17	6.3	17	6.3
B	124	46.1	141	52.4
C	58	21.6	199	74.0
E	31	11.5	230	85.5
CORRECT RESPONSE	39	14.5	269	100.0

YR132	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	946	.	.	.
A	65	24.9	65	24.9
B	53	20.3	118	45.2
C	42	16.1	160	61.3
D	60	23.0	220	84.3
CORRECT RESPONSE	41	15.7	261	100.0

YR133	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
A	21	7.3	21	7.3
C	29	10.0	50	17.3
D	59	20.4	109	37.7
E	79	27.3	188	65.1
CORRECT RESPONSE	101	34.9	289	100.0

YR134	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
A	47	16.8	47	16.8
B	46	16.5	93	33.3
C	93	33.3	186	66.7
D	59	21.1	245	87.8
CORRECT RESPONSE	34	12.2	279	100.0

YR135	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	950	.	.	.
A	51	19.8	51	19.8
B	25	9.7	76	29.6
C	43	16.7	119	46.3
D	42	16.3	161	62.6
CORRECT RESPONSE	96	37.4	257	100.0

YR136	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	951	.	.	.
A	87	34.0	87	34.0
B	35	13.7	122	47.7
C	31	12.1	153	59.8
E	47	18.4	200	78.1
CORRECT RESPONSE	56	21.9	256	100.0

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CALCULATOR USE

YC001	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
NO	282	100.0	282	100.0

CALCULATOR USE

YC002	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
YES	4	1.5	4	1.5
NO	269	98.5	273	100.0

CALCULATOR USE

YC003	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	917	.	.	.
YES	2	0.7	2	0.7
NO	288	99.3	290	100.0

CALCULATOR USE

YC004	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	940	.	.	.
YES	4	1.5	4	1.5
NO	263	98.5	267	100.0

CALCULATOR USE

YC005	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	915	.	.	.
YES	1	0.3	1	0.3
NO	291	99.7	292	100.0

CALCULATOR USE

YC006	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
NO	273	100.0	273	100.0

CALCULATOR USE

YC007	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	937	.	.	.
YES	35	13.0	35	13.0
NO	235	87.0	270	100.0

CALCULATOR USE

YC008	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	938	.	.	.
YES	2	0.7	2	0.7
NO	267	99.3	269	100.0

CALCULATOR USE

YC009	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
YES	3	1.1	3	1.1
NO	274	98.9	277	100.0

CALCULATOR USE

YC010	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	938	.	.	.
YES	57	21.2	57	21.2
NO	212	78.8	269	100.0

CALCULATOR USE

YC011	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	921	.	.	.
YES	1	0.3	1	0.3
NO	285	99.7	286	100.0

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CALCULATOR USE

YC012	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
YES	60	21.8	60	21.8
NO	215	78.2	275	100.0

CALCULATOR USE

YC013	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	906	.	.	.
YES	49	16.3	49	16.3
NO	252	83.7	301	100.0

CALCULATOR USE

YC014	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	938	.	.	.
YES	1	0.4	1	0.4
NO	268	99.6	269	100.0

CALCULATOR USE

YC015	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	923	.	.	.
NO	284	100.0	284	100.0

CALCULATOR USE

YC016	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	937	.	.	.
YES	1	0.4	1	0.4
NO	269	99.6	270	100.0

CALCULATOR USE

YC017	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	921	.	.	.
YES	1	0.3	1	0.3
NO	285	99.7	286	100.0

CALCULATOR USE

YC018	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
YES	35	12.6	35	12.6
NO	243	87.4	278	100.0

CALCULATOR USE

YC019	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	947	.	.	.
YES	25	9.6	25	9.6
NO	235	90.4	260	100.0

CALCULATOR USE

YC020	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
YES	1	0.4	1	0.4
NO	272	99.6	273	100.0

CALCULATOR USE

YC021	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
YES	1	0.4	1	0.4
NO	274	99.6	275	100.0

CALCULATOR USE

YC022	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
YES	10	3.6	10	3.6
NO	269	96.4	279	100.0

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STUDENT REPORTS OF CALCULATOR USE

CALCULATOR USE

YC023	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	942	.	.	.
YES	91	34.3	91	34.3
NO	174	65.7	265	100.0

CALCULATOR USE

YC024	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
NO	273	100.0	273	100.0

CALCULATOR USE

YC025	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	947	.	.	.
YES	97	37.3	97	37.3
NO	163	62.7	260	100.0

CALCULATOR USE

YC026	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
YES	59	21.3	59	21.3
NO	218	78.7	277	100.0

CALCULATOR USE

YC027	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	924	.	.	.
YES	13	4.6	13	4.6
NO	270	95.4	283	100.0

CALCULATOR USE

YC028	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	923	.	.	.
NO	284	100.0	284	100.0

CALCULATOR USE

YC029	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	951	.	.	.
YES	5	2.0	5	2.0
NO	251	98.0	256	100.0

CALCULATOR USE

YC030	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
YES	8	2.9	8	2.9
NO	267	97.1	275	100.0

CALCULATOR USE

YC031	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	942	.	.	.
NO	265	100.0	265	100.0

CALCULATOR USE

YC032	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	917	.	.	.
YES	5	1.7	5	1.7
NO	285	98.3	290	100.0

CALCULATOR USE

YC033	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	941	.	.	.
YES	4	1.5	4	1.5
NO	262	98.5	266	100.0

NEW ZEALAND — POPULATION B
END OF YEAR COGNITIVE TEST
STUDENT REPORTS OF CALCULATOR USE

CALCULATOR USE

YC034	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
YES	1	0.4	1	0.4
NO	279	99.6	280	100.0

CALCULATOR USE

YC035	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	948	.	.	.
YES	19	7.3	19	7.3
NO	240	92.7	259	100.0

CALCULATOR USE

YC036	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	949	.	.	.
YES	10	3.9	10	3.9
NO	248	96.1	258	100.0

CALCULATOR USE

YC037	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	940	.	.	.
YES	1	0.4	1	0.4
NO	266	99.6	267	100.0

CALCULATOR USE

YC038	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
YES	10	3.5	10	3.5
NO	272	96.5	282	100.0

CALCULATOR USE

YC039	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	946	.	.	.
YES	49	18.8	49	18.8
NO	212	81.2	261	100.0

CALCULATOR USE

YC040	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	937	.	.	.
YES	3	1.1	3	1.1
NO	267	98.9	270	100.0

CALCULATOR USE

YC041	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	921	.	.	.
YES	11	3.8	11	3.8
NO	275	96.2	286	100.0

CALCULATOR USE

YC042	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
YES	2	0.7	2	0.7
NO	272	99.3	274	100.0

CALCULATOR USE

YC043	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
YES	6	2.1	6	2.1
NO	275	97.9	281	100.0

CALCULATOR USE

YC044	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
NO	280	100.0	280	100.0

NEW ZEALAND -- POPULATION B
END OF YEAR COGNITIVE TEST
STUDENT REPORTS OF CALCULATOR USE

CALCULATOR USE

YC045	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	924	.	.	.
YES	26	9.2	26	9.2
NO	257	90.8	283	100.0

CALCULATOR USE

YC046	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	947	.	.	.
YES	2	0.8	2	0.8
NO	258	99.2	260	100.0

CALCULATOR USE

YC047	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	910	.	.	.
YES	104	35.0	104	35.0
NO	193	65.0	297	100.0

CALCULATOR USE

YC048	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	936	.	.	.
YES	67	24.7	67	24.7
NO	204	75.3	271	100.0

CALCULATOR USE

YC049	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	940	.	.	.
YES	43	16.1	43	16.1
NO	224	83.9	267	100.0

CALCULATOR USE

YC050	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
YES	43	15.4	43	15.4
NO	236	84.6	279	100.0

CALCULATOR USE

YC051	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	922	.	.	.
YES	68	23.9	68	23.9
NO	217	76.1	285	100.0

CALCULATOR USE

YC052	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
NO	274	100.0	274	100.0

CALCULATOR USE

YC053	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
YES	4	1.5	4	1.5
NO	269	98.5	273	100.0

CALCULATOR USE

YC054	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	936	.	.	.
YES	1	0.4	1	0.4
NO	270	99.6	271	100.0

CALCULATOR USE

YC055	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
YES	8	2.9	8	2.9
NO	267	97.1	275	100.0

NEW ZEALAND -- POPULATION B
END OF YEAR COGNITIVE TEST
STUDENT REPORTS OF CALCULATOR USE

CALCULATOR USE

YC056	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
YES	22	8.0	22	8.0
NO	252	92.0	274	100.0

CALCULATOR USE

YC057	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	946	.	.	.
YES	14	5.4	14	5.4
NO	247	94.6	261	100.0

CALCULATOR USE

YC058	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
YES	23	8.2	23	8.2
NO	257	91.8	280	100.0

CALCULATOR USE

YC059	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	923	.	.	.
YES	89	31.3	89	31.3
NO	195	68.7	284	100.0

CALCULATOR USE

YC060	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
YES	114	40.9	114	40.9
NO	165	59.1	279	100.0

CALCULATOR USE

YC061	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
NO	275	100.0	275	100.0

CALCULATOR USE

YC062	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	947	.	.	.
YES	2	0.8	2	0.8
NO	258	99.2	260	100.0

CALCULATOR USE

YC063	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	938	.	.	.
YES	4	1.5	4	1.5
NO	265	98.5	269	100.0

CALCULATOR USE

YC064	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	950	.	.	.
YES	11	4.3	11	4.3
NO	246	95.7	257	100.0

CALCULATOR USE

YC065	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
YES	5	1.8	5	1.8
NO	268	98.2	273	100.0

CALCULATOR USE

YC066	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	919	.	.	.
YES	1	0.3	1	0.3
NO	287	99.7	288	100.0

NEW ZEALAND — POPULATION B
END OF YEAR COGNITIVE TEST
STUDENT REPORTS OF CALCULATOR USE

CALCULATOR USE

YC067	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	950	.	.	.
YES	3	1.2	3	1.2
NO	254	98.8	257	100.0

CALCULATOR USE

YC068	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
YES	2	0.7	2	0.7
NO	276	99.3	278	100.0

CALCULATOR USE

YC069	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
YES	14	5.0	14	5.0
NO	266	95.0	280	100.0

CALCULATOR USE

YC070	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	920	.	.	.
YES	3	1.0	3	1.0
NO	284	99.0	287	100.0

CALCULATOR USE

YC071	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
YES	37	13.1	37	13.1
NO	245	86.9	282	100.0

CALCULATOR USE

YC072	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
NO	274	100.0	274	100.0

CALCULATOR USE

YC073	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
YES	25	8.7	25	8.7
NO	264	91.3	289	100.0

CALCULATOR USE

YC074	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	943	.	.	.
YES	16	6.1	16	6.1
NO	248	93.9	264	100.0

CALCULATOR USE

YC075	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	951	.	.	.
YES	12	4.7	12	4.7
NO	244	95.3	256	100.0

CALCULATOR USE

YC076	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	915	.	.	.
YES	17	5.8	17	5.8
NO	275	94.2	292	100.0

CALCULATOR USE

YC077	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	939	.	.	.
YES	45	16.8	45	16.8
NO	223	83.2	268	100.0

NEW ZEALAND — POPULATION B
END OF YEAR COGNITIVE TEST
STUDENT REPORTS OF CALCULATOR USE

CALCULATOR USE

YC078	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	951	.	.	.
YES	21	8.2	21	8.2
NO	235	91.8	256	100.0

CALCULATOR USE

YC079	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
YES	5	1.7	5	1.7
NO	284	98.3	289	100.0

CALCULATOR USE

YC080	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	913	.	.	.
YES	15	5.1	15	5.1
NO	279	94.9	294	100.0

CALCULATOR USE

YC081	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
YES	4	1.4	4	1.4
NO	272	98.6	276	100.0

CALCULATOR USE

YC082	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	947	.	.	.
YES	3	1.2	3	1.2
NO	257	98.8	260	100.0

CALCULATOR USE

YC083	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
YES	2	0.7	2	0.7
NO	275	99.3	277	100.0

CALCULATOR USE

YC084	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	906	.	.	.
YES	92	30.6	92	30.6
NO	209	69.4	301	100.0

CALCULATOR USE

YC085	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
YES	10	3.6	10	3.6
NO	265	96.4	275	100.0

CALCULATOR USE

YC086	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
YES	29	10.5	29	10.5
NO	247	89.5	276	100.0

CALCULATOR USE

YC087	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	951	.	.	.
YES	16	6.3	16	6.3
NO	240	93.8	256	100.0

CALCULATOR USE

YC088	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
YES	24	8.5	24	8.5
NO	257	91.5	281	100.0

CALCULATOR USE

YC089	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	935	.	.	.
YES	89	32.7	89	32.7
NO	183	67.3	272	100.0

CALCULATOR USE

YC090	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	942	.	.	.
NO	265	100.0	265	100.0

CALCULATOR USE

YC091	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	946	.	.	.
YES	1	0.4	1	0.4
NO	260	99.6	261	100.0

CALCULATOR USE

YC092	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
YES	2	0.7	2	0.7
NO	272	99.3	274	100.0

CALCULATOR USE

YC093	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	922	.	.	.
YES	22	7.7	22	7.7
NO	263	92.3	285	100.0

CALCULATOR USE

YC094	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
YES	80	28.7	80	28.7
NO	199	71.3	279	100.0

CALCULATOR USE

YC095	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
YES	11	3.9	11	3.9
NO	270	96.1	281	100.0

CALCULATOR USE

YC096	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	924	.	.	.
YES	16	5.7	16	5.7
NO	267	94.3	283	100.0

CALCULATOR USE

YC097	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
YES	43	15.4	43	15.4
NO	236	84.6	279	100.0

CALCULATOR USE

YC098	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	911	.	.	.
NO	296	100.0	296	100.0

CALCULATOR USE

YC099	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	924	.	.	.
YES	9	3.2	9	3.2
NO	274	96.8	283	100.0

CALCULATOR USE

YC100	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	909	.	.	.
NO	298	100.0	298	100.0

CALCULATOR USE

YC101	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	940	.	.	.
YES	14	5.2	14	5.2
NO	253	94.8	267	100.0

CALCULATOR USE

YC102	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	940	.	.	.
YES	16	6.0	16	6.0
NO	251	94.0	267	100.0

CALCULATOR USE

YC103	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	923	.	.	.
YES	26	9.2	26	9.2
NO	258	90.8	284	100.0

CALCULATOR USE

YC104	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	919	.	.	.
YES	15	5.2	15	5.2
NO	273	94.8	288	100.0

CALCULATOR USE

YC105	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
YES	12	4.3	12	4.3
NO	265	95.7	277	100.0

CALCULATOR USE

YC106	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
YES	1	0.4	1	0.4
NO	274	99.6	275	100.0

CALCULATOR USE

YC107	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	916	.	.	.
YES	2	0.7	2	0.7
NO	289	99.3	291	100.0

CALCULATOR USE

YC108	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
YES	23	8.2	23	8.2
NO	259	91.8	282	100.0

CALCULATOR USE

YC109	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	950	.	.	.
YES	14	5.4	14	5.4
NO	243	94.6	257	100.0

CALCULATOR USE

YC110	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
YES	13	4.7	13	4.7
NO	265	95.3	278	100.0

NEW ZEALAND — POPULATION B
END OF YEAR COGNITIVE TEST
STUDENT REPORTS OF CALCULATOR USE

CALCULATOR USE

YC111	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
YES	51	18.5	51	18.5
NO	224	81.5	275	100.0

CALCULATOR USE

YC112	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
YES	24	8.7	24	8.7
NO	252	91.3	276	100.0

CALCULATOR USE

YC113	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	946	.	.	.
YES	28	10.7	28	10.7
NO	233	89.3	261	100.0

CALCULATOR USE

YC114	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	947	.	.	.
YES	12	4.6	12	4.6
NO	248	95.4	260	100.0

CALCULATOR USE

YC115	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	946	.	.	.
YES	1	0.4	1	0.4
NO	260	99.6	261	100.0

CALCULATOR USE

YC116	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
YES	31	11.2	31	11.2
NO	245	88.8	276	100.0

CALCULATOR USE

YC117	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	921	.	.	.
YES	30	10.5	30	10.5
NO	256	89.5	286	100.0

CALCULATOR USE

YC118	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
YES	6	2.1	6	2.1
NO	275	97.9	281	100.0

CALCULATOR USE

YC119	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
NO	275	100.0	275	100.0

CALCULATOR USE

YC120	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	943	.	.	.
YES	34	12.9	34	12.9
NO	230	87.1	264	100.0

CALCULATOR USE

YC121	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
YES	4	1.4	4	1.4
NO	278	98.6	282	100.0

NEW ZEALAND — POPULATION B
END OF YEAR COGNITIVE TEST
STUDENT REPORTS OF CALCULATOR USE

CALCULATOR USE

YC122	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
YES	1	0.4	1	0.4
NO	281	99.6	282	100.0

CALCULATOR USE

YC123	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	940	.	.	.
YES	1	0.4	1	0.4
NO	266	99.6	267	100.0

CALCULATOR USE

YC124	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	946	.	.	.
YES	1	0.4	1	0.4
NO	260	99.6	261	100.0

CALCULATOR USE

YC125	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
YES	30	10.9	30	10.9
NO	244	89.1	274	100.0

CALCULATOR USE

YC126	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	923	.	.	.
YES	28	9.9	28	9.9
NO	256	90.1	284	100.0

CALCULATOR USE

YC127	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	924	.	.	.
YES	120	42.4	120	42.4
NO	163	57.6	283	100.0

CALCULATOR USE

YC128	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	920	.	.	.
NO	287	100.0	287	100.0

CALCULATOR USE

YC129	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	923	.	.	.
YES	15	5.3	15	5.3
NO	269	94.7	284	100.0

CALCULATOR USE

YC130	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	937	.	.	.
NO	270	100.0	270	100.0

CALCULATOR USE

YC131	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	940	.	.	.
YES	7	2.6	7	2.6
NO	260	97.4	267	100.0

CALCULATOR USE

YC132	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	946	.	.	.
NO	261	100.0	261	100.0

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CALCULATOR USE

YC133	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	916	.	.	.
YES	3	1.0	3	1.0
NO	288	99.0	291	100.0

CALCULATOR USE

YC134	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
NO	273	100.0	273	100.0

CALCULATOR USE

YC135	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	938	.	.	.
YES	39	14.5	39	14.5
NO	230	85.5	269	100.0

CALCULATOR USE

YC136	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	949	.	.	.
YES	1	0.4	1	0.4
NO	257	99.6	258	100.0

Student Opportunity to learn

NEW ZEALAND -- POPULATION B
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STUDENT REPORTS OF OPPORTUNITY-TO-LEARN

STUDENT OTL

YO001	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	912	.	.	.
THIS YEAR	2	0.7	2	0.7
PREVIOUS YEARS	265	89.8	267	90.5
NEVER	28	9.5	295	100.0

STUDENT OTL

YO002	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	912	.	.	.
THIS YEAR	6	2.0	6	2.0
PREVIOUS YEARS	281	95.3	287	97.3
NEVER	8	2.7	295	100.0

STUDENT OTL

YO003	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	916	.	.	.
THIS YEAR	7	2.4	7	2.4
PREVIOUS YEARS	207	71.1	214	73.5
NEVER	77	26.5	291	100.0

STUDENT OTL

YO004	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	915	.	.	.
THIS YEAR	17	5.8	17	5.8
PREVIOUS YEARS	271	92.8	288	98.6
NEVER	4	1.4	292	100.0

STUDENT OTL

YO005	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	908	.	.	.
THIS YEAR	14	4.7	14	4.7
PREVIOUS YEARS	243	81.3	257	86.0
NEVER	42	14.0	299	100.0

STUDENT OTL

YO006	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	912	.	.	.
THIS YEAR	20	6.8	20	6.8
PREVIOUS YEARS	273	92.5	293	99.3
NEVER	2	0.7	295	100.0

STUDENT OTL

YO007	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
THIS YEAR	23	8.2	23	8.2
PREVIOUS YEARS	135	48.4	158	56.6
NEVER	121	43.4	279	100.0

STUDENT OTL

YO008	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
THIS YEAR	42	15.2	42	15.2
PREVIOUS YEARS	115	41.7	157	56.9
NEVER	119	43.1	276	100.0

STUDENT OTL

YO009	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
THIS YEAR	29	10.6	29	10.6
PREVIOUS YEARS	239	87.2	268	97.8
NEVER	6	2.2	274	100.0

STUDENT OTL

YO010	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	919	.	.	.
THIS YEAR	131	45.5	131	45.5
PREVIOUS YEARS	139	48.3	270	93.7
NEVER	18	6.3	288	100.0

NEW ZEALAND -- POPULATION B
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STUDENT OTL

Y0011	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	914	.	.	.
THIS YEAR	42	14.3	42	14.3
PREVIOUS YEARS	62	21.2	104	35.5
NEVER	189	64.5	293	100.0

STUDENT OTL

Y0012	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
THIS YEAR	128	46.4	128	46.4
PREVIOUS YEARS	110	39.9	238	86.2
NEVER	38	13.8	276	100.0

STUDENT OTL

Y0013	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	908	.	.	.
THIS YEAR	91	30.4	91	30.4
PREVIOUS YEARS	160	53.5	251	83.9
NEVER	48	16.1	299	100.0

STUDENT OTL

Y0014	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	915	.	.	.
THIS YEAR	117	40.1	117	40.1
PREVIOUS YEARS	175	59.9	292	100.0

STUDENT OTL

Y0015	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	906	.	.	.
THIS YEAR	214	71.1	214	71.1
PREVIOUS YEARS	84	27.9	298	99.0
NEVER	3	1.0	301	100.0

STUDENT OTL

Y0016	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
THIS YEAR	25	8.9	25	8.9
PREVIOUS YEARS	141	50.4	166	59.3
NEVER	114	40.7	280	100.0

STUDENT OTL

Y0017	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	907	.	.	.
THIS YEAR	15	5.0	15	5.0
PREVIOUS YEARS	191	63.7	206	68.7
NEVER	94	31.3	300	100.0

STUDENT OTL

Y0018	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	912	.	.	.
THIS YEAR	242	82.0	242	82.0
PREVIOUS YEARS	18	6.1	260	88.1
NEVER	35	11.9	295	100.0

STUDENT OTL

Y0019	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
THIS YEAR	36	12.9	36	12.9
PREVIOUS YEARS	235	84.2	271	97.1
NEVER	8	2.9	279	100.0

STUDENT OTL

Y0020	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
THIS YEAR	10	3.6	10	3.6
PREVIOUS YEARS	247	89.2	257	92.8
NEVER	20	7.2	277	100.0

NEW ZEALAND -- POPULATION B
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STUDENT OTL

Y0021	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
THIS YEAR	57	20.3	57	20.3
PREVIOUS YEARS	121	43.1	178	63.3
NEVER	103	36.7	281	100.0

STUDENT OTL

Y0022	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	935	.	.	.
THIS YEAR	57	21.0	57	21.0
PREVIOUS YEARS	134	49.3	191	70.2
NEVER	81	29.8	272	100.0

STUDENT OTL

Y0023	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	935	.	.	.
THIS YEAR	120	44.1	120	44.1
PREVIOUS YEARS	85	31.3	205	75.4
NEVER	67	24.6	272	100.0

STUDENT OTL

Y0024	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
THIS YEAR	45	15.6	45	15.6
PREVIOUS YEARS	128	44.3	173	59.9
NEVER	116	40.1	289	100.0

STUDENT OTL

Y0025	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
THIS YEAR	44	15.9	44	15.9
PREVIOUS YEARS	225	81.5	269	97.5
NEVER	7	2.5	276	100.0

STUDENT OTL

Y0026	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
THIS YEAR	56	20.4	56	20.4
PREVIOUS YEARS	158	57.5	214	77.8
NEVER	61	22.2	275	100.0

STUDENT OTL

Y0027	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	907	.	.	.
THIS YEAR	153	51.0	153	51.0
PREVIOUS YEARS	135	45.0	288	96.0
NEVER	12	4.0	300	100.0

STUDENT OTL

Y0028	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	906	.	.	.
THIS YEAR	168	55.8	168	55.8
PREVIOUS YEARS	117	38.9	285	94.7
NEVER	16	5.3	301	100.0

STUDENT OTL

Y0029	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
THIS YEAR	96	34.2	96	34.2
PREVIOUS YEARS	173	61.6	269	95.7
NEVER	12	4.3	281	100.0

STUDENT OTL

Y0030	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
THIS YEAR	58	21.0	58	21.0
PREVIOUS YEARS	201	72.8	259	93.8
NEVER	17	6.2	276	100.0

NEW ZEALAND — POPULATION B
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STUDENT OTL

Y0031	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
THIS YEAR	5	1.8	5	1.8
PREVIOUS YEARS	269	97.5	274	99.3
NEVER	2	0.7	276	100.0

STUDENT OTL

Y0032	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	910	.	.	.
THIS YEAR	6	2.0	6	2.0
PREVIOUS YEARS	286	96.3	292	98.3
NEVER	5	1.7	297	100.0

STUDENT OTL

Y0033	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
THIS YEAR	86	31.4	86	31.4
PREVIOUS YEARS	109	39.8	195	71.2
NEVER	79	28.8	274	100.0

STUDENT OTL

Y0034	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
THIS YEAR	174	62.8	174	62.8
PREVIOUS YEARS	30	10.8	204	73.6
NEVER	73	26.4	277	100.0

STUDENT OTL

Y0035	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	921	.	.	.
THIS YEAR	58	20.3	58	20.3
PREVIOUS YEARS	206	72.0	264	92.3
NEVER	22	7.7	286	100.0

STUDENT OTL

Y0036	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	924	.	.	.
THIS YEAR	67	23.7	67	23.7
PREVIOUS YEARS	210	74.2	277	97.9
NEVER	6	2.1	283	100.0

STUDENT OTL

Y0037	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	923	.	.	.
THIS YEAR	15	5.3	15	5.3
PREVIOUS YEARS	249	87.7	264	93.0
NEVER	20	7.0	284	100.0

STUDENT OTL

Y0038	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	909	.	.	.
THIS YEAR	6	2.0	6	2.0
PREVIOUS YEARS	153	51.3	159	53.4
NEVER	139	46.6	298	100.0

STUDENT OTL

Y0039	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	921	.	.	.
THIS YEAR	95	33.2	95	33.2
PREVIOUS YEARS	186	65.0	281	98.3
NEVER	5	1.7	286	100.0

STUDENT OTL

Y0040	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
THIS YEAR	61	22.0	61	22.0
PREVIOUS YEARS	140	50.5	201	72.6
NEVER	76	27.4	277	100.0

NEW ZEALAND — POPULATION B
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STUDENT OTL

Y0041	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	908	.	.	.
THIS YEAR	91	30.4	91	30.4
PREVIOUS YEARS	186	62.2	277	92.6
NEVER	22	7.4	299	100.0

STUDENT OTL

Y0042	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
THIS YEAR	33	11.7	33	11.7
PREVIOUS YEARS	241	85.8	274	97.5
NEVER	7	2.5	281	100.0

STUDENT OTL

Y0043	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	905	.	.	.
THIS YEAR	68	22.5	68	22.5
PREVIOUS YEARS	230	76.2	298	98.7
NEVER	4	1.3	302	100.0

STUDENT OTL

Y0044	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	917	.	.	.
THIS YEAR	129	44.5	129	44.5
PREVIOUS YEARS	123	42.4	252	86.9
NEVER	38	13.1	290	100.0

STUDENT OTL

Y0045	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	914	.	.	.
THIS YEAR	93	31.7	93	31.7
PREVIOUS YEARS	170	58.0	263	89.8
NEVER	30	10.2	293	100.0

STUDENT OTL

Y0046	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
THIS YEAR	3	1.1	3	1.1
PREVIOUS YEARS	275	98.2	278	99.3
NEVER	2	0.7	280	100.0

STUDENT OTL

Y0047	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	907	.	.	.
THIS YEAR	36	12.0	36	12.0
PREVIOUS YEARS	125	41.7	161	53.7
NEVER	139	46.3	300	100.0

STUDENT OTL

Y0048	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
THIS YEAR	22	7.9	22	7.9
PREVIOUS YEARS	215	76.8	237	84.6
NEVER	43	15.4	280	100.0

STUDENT OTL

Y0049	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
THIS YEAR	37	13.4	37	13.4
PREVIOUS YEARS	196	71.0	233	84.4
NEVER	43	15.6	276	100.0

STUDENT OTL

Y0050	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	914	.	.	.
THIS YEAR	22	7.5	22	7.5
PREVIOUS YEARS	163	55.6	185	63.1
NEVER	108	36.9	293	100.0

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STUDENT OTL

Y0051	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
THIS YEAR	46	16.5	46	16.5
PREVIOUS YEARS	148	53.0	194	69.5
NEVER	85	30.5	279	100.0

STUDENT OTL

Y0052	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
THIS YEAR	39	13.8	39	13.8
PREVIOUS YEARS	241	85.5	280	99.3
NEVER	2	0.7	282	100.0

STUDENT OTL

Y0053	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
THIS YEAR	149	53.4	149	53.4
PREVIOUS YEARS	55	19.7	204	73.1
NEVER	75	26.9	279	100.0

STUDENT OTL

Y0054	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
THIS YEAR	28	10.1	28	10.1
PREVIOUS YEARS	193	69.7	221	79.8
NEVER	56	20.2	277	100.0

STUDENT OTL

Y0055	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	914	.	.	.
THIS YEAR	67	22.9	67	22.9
PREVIOUS YEARS	200	68.3	267	91.1
NEVER	26	8.9	293	100.0

STUDENT OTL

Y0056	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	939	.	.	.
THIS YEAR	68	25.4	68	25.4
PREVIOUS YEARS	29	10.8	97	36.2
NEVER	171	63.8	268	100.0

STUDENT OTL

Y0057	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	943	.	.	.
THIS YEAR	104	39.4	104	39.4
PREVIOUS YEARS	88	33.3	192	72.7
NEVER	72	27.3	264	100.0

STUDENT OTL

Y0058	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	913	.	.	.
THIS YEAR	130	44.2	130	44.2
PREVIOUS YEARS	107	36.4	237	80.6
NEVER	57	19.4	294	100.0

STUDENT OTL

Y0059	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	908	.	.	.
THIS YEAR	7	2.3	7	2.3
PREVIOUS YEARS	251	83.9	258	86.3
NEVER	41	13.7	299	100.0

STUDENT OTL

Y0060	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	916	.	.	.
THIS YEAR	21	7.2	21	7.2
PREVIOUS YEARS	241	82.8	262	90.0
NEVER	29	10.0	291	100.0

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STUDENT OTL

Y0061	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
THIS YEAR	13	4.7	13	4.7
PREVIOUS YEARS	258	92.5	271	97.1
NEVER	8	2.9	279	100.0

STUDENT OTL

Y0062	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	934	.	.	.
THIS YEAR	205	75.1	205	75.1
PREVIOUS YEARS	26	9.5	231	84.6
NEVER	42	15.4	273	100.0

STUDENT OTL

Y0063	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
THIS YEAR	7	2.5	7	2.5
PREVIOUS YEARS	169	59.9	176	62.4
NEVER	106	37.6	282	100.0

STUDENT OTL

Y0064	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	920	.	.	.
THIS YEAR	4	1.4	4	1.4
PREVIOUS YEARS	233	81.2	237	82.6
NEVER	50	17.4	287	100.0

STUDENT OTL

Y0065	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
THIS YEAR	229	83.0	229	83.0
PREVIOUS YEARS	38	13.8	267	96.7
NEVER	9	3.3	276	100.0

STUDENT OTL

Y0066	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	912	.	.	.
THIS YEAR	14	4.7	14	4.7
PREVIOUS YEARS	281	95.3	295	100.0

STUDENT OTL

Y0067	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	920	.	.	.
THIS YEAR	44	15.3	44	15.3
PREVIOUS YEARS	236	82.2	280	97.6
NEVER	7	2.4	287	100.0

STUDENT OTL

Y0068	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	917	.	.	.
THIS YEAR	16	5.5	16	5.5
PREVIOUS YEARS	184	63.4	200	69.0
NEVER	90	31.0	290	100.0

STUDENT OTL

Y0069	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	914	.	.	.
THIS YEAR	15	5.1	15	5.1
PREVIOUS YEARS	143	48.8	158	53.9
NEVER	135	46.1	293	100.0

STUDENT OTL

Y0070	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	908	.	.	.
THIS YEAR	13	4.3	13	4.3
PREVIOUS YEARS	245	81.9	258	86.3
NEVER	41	13.7	299	100.0

NEW ZEALAND — POPULATION B
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STUDENT OTL

Y0071	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
THIS YEAR	73	26.6	73	26.6
PREVIOUS YEARS	76	27.7	149	54.4
NEVER	125	45.6	274	100.0

STUDENT OTL

Y0072	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	912	.	.	.
THIS YEAR	189	64.1	189	64.1
PREVIOUS YEARS	99	33.6	288	97.6
NEVER	7	2.4	295	100.0

STUDENT OTL

Y0073	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
THIS YEAR	237	84.9	237	84.9
PREVIOUS YEARS	19	6.8	256	91.8
NEVER	23	8.2	279	100.0

STUDENT OTL

Y0074	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
THIS YEAR	70	25.5	70	25.5
PREVIOUS YEARS	153	55.8	223	81.4
NEVER	51	18.6	274	100.0

STUDENT OTL

Y0075	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	924	.	.	.
THIS YEAR	47	16.6	47	16.6
PREVIOUS YEARS	219	77.4	266	94.0
NEVER	17	6.0	283	100.0

STUDENT OTL

Y0076	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	909	.	.	.
THIS YEAR	36	12.1	36	12.1
PREVIOUS YEARS	64	21.5	100	33.6
NEVER	198	66.4	298	100.0

STUDENT OTL

Y0077	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	917	.	.	.
THIS YEAR	22	7.6	22	7.6
PREVIOUS YEARS	238	82.1	260	89.7
NEVER	30	10.3	290	100.0

STUDENT OTL

Y0078	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	921	.	.	.
THIS YEAR	1	0.3	1	0.3
PREVIOUS YEARS	227	79.4	228	79.7
NEVER	58	20.3	286	100.0

STUDENT OTL

Y0079	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	911	.	.	.
THIS YEAR	23	7.8	23	7.8
PREVIOUS YEARS	243	82.1	266	89.9
NEVER	30	10.1	296	100.0

STUDENT OTL

Y0080	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	914	.	.	.
THIS YEAR	61	20.8	61	20.8
PREVIOUS YEARS	172	58.7	233	79.5
NEVER	60	20.5	293	100.0

NEW ZEALAND — POPULATION B
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STUDENT OTL

Y0081	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	906	.	.	.
THIS YEAR	36	12.0	36	12.0
PREVIOUS YEARS	252	83.7	288	95.7
NEVER	13	4.3	301	100.0

STUDENT OTL

Y0082	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
THIS YEAR	9	3.2	9	3.2
PREVIOUS YEARS	268	96.4	277	99.6
NEVER	1	0.4	278	100.0

STUDENT OTL

Y0083	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	906	.	.	.
THIS YEAR	11	3.7	11	3.7
PREVIOUS YEARS	284	94.4	295	98.0
NEVER	6	2.0	301	100.0

STUDENT OTL

Y0084	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	911	.	.	.
THIS YEAR	76	25.7	76	25.7
PREVIOUS YEARS	165	55.7	241	81.4
NEVER	55	18.6	296	100.0

STUDENT OTL

Y0085	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
THIS YEAR	12	4.3	12	4.3
PREVIOUS YEARS	160	57.6	172	61.9
NEVER	106	38.1	278	100.0

STUDENT OTL

Y0086	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	911	.	.	.
THIS YEAR	80	27.0	80	27.0
PREVIOUS YEARS	207	69.9	287	97.0
NEVER	9	3.0	296	100.0

STUDENT OTL

Y0087	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	927	.	.	.
THIS YEAR	53	18.9	53	18.9
PREVIOUS YEARS	212	75.7	265	94.6
NEVER	15	5.4	280	100.0

STUDENT OTL

Y0088	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	905	.	.	.
THIS YEAR	56	18.5	56	18.5
PREVIOUS YEARS	235	77.8	291	96.4
NEVER	11	3.6	302	100.0

STUDENT OTL

Y0089	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
THIS YEAR	103	37.1	103	37.1
PREVIOUS YEARS	119	42.8	222	79.9
NEVER	56	20.1	278	100.0

STUDENT OTL

Y0090	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	921	.	.	.
THIS YEAR	10	3.5	10	3.5
PREVIOUS YEARS	152	53.1	162	56.6
NEVER	124	43.4	286	100.0

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STUDENT OTL

YO091	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	928	.	.	.
THIS YEAR	71	25.4	71	25.4
PREVIOUS YEARS	206	73.8	277	99.3
NEVER	2	0.7	279	100.0

STUDENT OTL

YO092	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
THIS YEAR	238	85.9	238	85.9
PREVIOUS YEARS	11	4.0	249	89.9
NEVER	28	10.1	277	100.0

STUDENT OTL

YO093	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	907	.	.	.
THIS YEAR	239	79.7	239	79.7
PREVIOUS YEARS	14	4.7	253	84.3
NEVER	47	15.7	300	100.0

STUDENT OTL

YO094	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	915	.	.	.
THIS YEAR	4	1.4	4	1.4
PREVIOUS YEARS	145	49.7	149	51.0
NEVER	143	49.0	292	100.0

STUDENT OTL

YO095	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
THIS YEAR	185	66.8	185	66.8
PREVIOUS YEARS	64	23.1	249	89.9
NEVER	28	10.1	277	100.0

STUDENT OTL

YO096	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	908	.	.	.
THIS YEAR	43	14.4	43	14.4
PREVIOUS YEARS	208	69.6	251	83.9
NEVER	48	16.1	299	100.0

STUDENT OTL

YO097	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	920	.	.	.
THIS YEAR	10	3.5	10	3.5
PREVIOUS YEARS	203	70.7	213	74.2
NEVER	74	25.8	287	100.0

STUDENT OTL

YO098	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	907	.	.	.
THIS YEAR	68	22.7	68	22.7
PREVIOUS YEARS	193	64.3	261	87.0
NEVER	39	13.0	300	100.0

STUDENT OTL

YO099	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	907	.	.	.
THIS YEAR	9	3.0	9	3.0
PREVIOUS YEARS	233	77.7	242	80.7
NEVER	58	19.3	300	100.0

STUDENT OTL

YO100	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	911	.	.	.
THIS YEAR	76	25.7	76	25.7
PREVIOUS YEARS	30	10.1	106	35.8
NEVER	190	64.2	296	100.0

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STUDENT OTL

YO101	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	914	.	.	.
THIS YEAR	113	38.6	113	38.6
PREVIOUS YEARS	177	60.4	290	99.0
NEVER	3	1.0	293	100.0

STUDENT OTL

YO102	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
THIS YEAR	92	33.5	92	33.5
PREVIOUS YEARS	134	48.7	226	82.2
NEVER	49	17.8	275	100.0

STUDENT OTL

YO103	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	907	.	.	.
THIS YEAR	143	47.7	143	47.7
PREVIOUS YEARS	153	51.0	296	98.7
NEVER	4	1.3	300	100.0

STUDENT OTL

YO104	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
THIS YEAR	102	35.3	102	35.3
PREVIOUS YEARS	176	60.9	278	96.2
NEVER	11	3.8	289	100.0

STUDENT OTL

YO105	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	910	.	.	.
THIS YEAR	49	16.5	49	16.5
PREVIOUS YEARS	133	44.8	182	61.3
NEVER	115	38.7	297	100.0

STUDENT OTL

YO106	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
THIS YEAR	242	87.4	242	87.4
PREVIOUS YEARS	24	8.7	266	96.0
NEVER	11	4.0	277	100.0

STUDENT OTL

YO107	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	921	.	.	.
THIS YEAR	249	87.1	249	87.1
PREVIOUS YEARS	35	12.2	284	99.3
NEVER	2	0.7	286	100.0

STUDENT OTL

YO108	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	907	.	.	.
THIS YEAR	93	31.0	93	31.0
PREVIOUS YEARS	199	66.3	292	97.3
NEVER	8	2.7	300	100.0

STUDENT OTL

YO109	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
THIS YEAR	87	31.6	87	31.6
PREVIOUS YEARS	97	35.3	184	66.9
NEVER	91	33.1	275	100.0

STUDENT OTL

YO110	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
THIS YEAR	115	41.8	115	41.8
PREVIOUS YEARS	126	45.8	241	87.6
NEVER	34	12.4	275	100.0

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STUDENT OTL

YO111	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
THIS YEAR	64	23.3	64	23.3
PREVIOUS YEARS	148	53.8	212	77.1
NEVER	63	22.9	275	100.0

STUDENT OTL

YO112	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	925	.	.	.
THIS YEAR	118	41.8	118	41.8
PREVIOUS YEARS	151	53.5	269	95.4
NEVER	13	4.6	282	100.0

STUDENT OTL

YO113	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
THIS YEAR	154	55.8	154	55.8
PREVIOUS YEARS	117	42.4	271	98.2
NEVER	5	1.8	276	100.0

STUDENT OTL

YO114	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
THIS YEAR	163	59.1	163	59.1
PREVIOUS YEARS	67	24.3	230	83.3
NEVER	46	16.7	276	100.0

STUDENT OTL

YO115	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	929	.	.	.
THIS YEAR	137	49.3	137	49.3
PREVIOUS YEARS	120	43.2	257	92.4
NEVER	21	7.6	278	100.0

STUDENT OTL

YO116	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	921	.	.	.
THIS YEAR	240	83.9	240	83.9
PREVIOUS YEARS	38	13.3	278	97.2
NEVER	8	2.8	286	100.0

STUDENT OTL

YO117	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	910	.	.	.
THIS YEAR	88	29.6	88	29.6
PREVIOUS YEARS	162	54.5	250	84.2
NEVER	47	15.8	297	100.0

STUDENT OTL

YO118	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
THIS YEAR	225	80.1	225	80.1
PREVIOUS YEARS	45	16.0	270	96.1
NEVER	11	3.9	281	100.0

STUDENT OTL

YO119	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
THIS YEAR	150	54.5	150	54.5
PREVIOUS YEARS	82	29.8	232	84.4
NEVER	43	15.6	275	100.0

STUDENT OTL

YO120	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
THIS YEAR	113	40.9	113	40.9
PREVIOUS YEARS	107	38.8	220	79.7
NEVER	56	20.3	276	100.0

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STUDENT OTL

YO121	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	916	.	.	.
THIS YEAR	37	12.7	37	12.7
PREVIOUS YEARS	104	35.7	141	48.5
NEVER	150	51.5	291	100.0

STUDENT OTL

YO122	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	932	.	.	.
THIS YEAR	125	45.5	125	45.5
PREVIOUS YEARS	92	33.5	217	78.9
NEVER	58	21.1	275	100.0

STUDENT OTL

YO123	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
THIS YEAR	115	42.0	115	42.0
PREVIOUS YEARS	4	1.5	119	43.4
NEVER	155	56.6	274	100.0

STUDENT OTL

YO124	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
THIS YEAR	129	46.6	129	46.6
PREVIOUS YEARS	33	11.9	162	58.5
NEVER	115	41.5	277	100.0

STUDENT OTL

YO125	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	923	.	.	.
THIS YEAR	132	46.5	132	46.5
PREVIOUS YEARS	75	26.4	207	72.9
NEVER	77	27.1	284	100.0

STUDENT OTL

YO126	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	909	.	.	.
THIS YEAR	54	18.1	54	18.1
PREVIOUS YEARS	31	10.4	85	28.5
NEVER	213	71.5	298	100.0

STUDENT OTL

YO127	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	920	.	.	.
THIS YEAR	53	18.5	53	18.5
PREVIOUS YEARS	90	31.4	143	49.8
NEVER	144	50.2	287	100.0

STUDENT OTL

YO128	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	908	.	.	.
THIS YEAR	4	1.3	4	1.3
PREVIOUS YEARS	220	73.6	224	74.9
NEVER	75	25.1	299	100.0

STUDENT OTL

YO129	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	909	.	.	.
THIS YEAR	131	44.0	131	44.0
PREVIOUS YEARS	92	30.9	223	74.8
NEVER	75	25.2	298	100.0

STUDENT OTL

YO130	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	921	.	.	.
THIS YEAR	8	2.8	8	2.8
PREVIOUS YEARS	128	44.8	136	47.6
NEVER	150	52.4	286	100.0

NEW ZEALAND -- POPULATION B
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STUDENT REPORTS OF OPPORTUNITY-TO-LEARN

STUDENT OTL

Y0131	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	933	.	.	.
THIS YEAR	50	18.2	50	18.2
PREVIOUS YEARS	43	15.7	93	33.9
NEVER	181	66.1	274	100.0

STUDENT OTL

Y0132	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	931	.	.	.
THIS YEAR	67	24.3	67	24.3
PREVIOUS YEARS	36	13.0	103	37.3
NEVER	173	62.7	276	100.0

STUDENT OTL

Y0133	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	915	.	.	.
THIS YEAR	45	15.4	45	15.4
PREVIOUS YEARS	94	32.2	139	47.6
NEVER	153	52.4	292	100.0

STUDENT OTL

Y0134	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	918	.	.	.
THIS YEAR	31	10.7	31	10.7
PREVIOUS YEARS	130	45.0	161	55.7
NEVER	128	44.3	289	100.0

STUDENT OTL

Y0135	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	936	.	.	.
THIS YEAR	143	52.8	143	52.8
PREVIOUS YEARS	15	5.5	158	58.3
NEVER	113	41.7	271	100.0

STUDENT OTL

Y0136	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	930	.	.	.
THIS YEAR	9	3.2	9	3.2
PREVIOUS YEARS	18	6.5	27	9.7
NEVER	250	90.3	277	100.0

Student Questionnaire

NEW ZEALAND -- POPULATION B
END OF YEAR STUDENT QUESTIONNAIRE

FLAG FOR STUDENT POSTTEST

YFLAG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
FORM ABSENT	21	1.7	21	1.7
FORM PRESENT	1186	98.3	1207	100.0

A1.ARE YOU A GIRL OR A BOY

YSEX	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	23	.	.	.
FEMALE	426	36.0	426	36.0
MALE	758	64.0	1184	100.0

A2.WHAT IS YOUR AGE IN MONTHS

YAGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	34	.	.	.
194 TO 198	2	0.2	2	0.2
199 TO 204	29	2.5	31	2.6
205 TO 210	294	25.1	325	27.7
211 TO 216	494	42.1	819	69.8
217 TO 222	297	25.3	1116	95.1
223 TO 228	29	2.5	1145	97.6
MORE THAN 228	28	2.4	1173	100.0

AD1.FATHERS OCCUPATION NATIONAL CODE

YFOCCN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	27	.	.	.
1	25	2.1	25	2.1
2	44	3.7	69	5.8
3	205	17.4	274	23.2
4	305	25.8	579	49.1
5	285	24.2	864	73.2
6	316	26.8	1180	100.0

AD1.FATHERS OCCUPATION INTERNATIONAL COD

YFOCCI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
UN- OR SEMISKILL	66	5.6	66	5.6
SKILLED WORKER	207	17.6	273	23.2
CLERICAL OR SALE	307	26.0	580	49.2
PROFESSIONAL	599	50.8	1179	100.0

AD3.DOES MOTHER HAVE OCCUPATION

YMWORK	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	25	.	.	.
HOUSEWIFE	383	32.4	383	32.4
PART-TIME WORK	441	37.3	824	69.7
FULL-TIME WORK	358	30.3	1182	100.0

AD5.MOTHERS OCCUPATION NATIONAL CODE

YMOCCN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	409	.	.	.
1	79	9.9	79	9.9
2	70	8.8	149	18.7
3	154	19.3	303	38.0
4	256	32.1	559	70.1
5	165	20.7	724	90.7
6	74	9.3	798	100.0

AD5.MOTHERS OCCUPATION INTERNATIONAL COD

YMOCCI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	409	.	.	.
UN- OR SEMISKILL	148	18.5	148	18.5
SKILLED WORKER	154	19.3	302	37.8
CLERICAL OR SALE	257	32.2	559	70.1
PROFESSIONAL	239	29.9	798	100.0

A4.FATHERS HIGHEST EDUCATION ATTAINED

YFEDUC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
LITTLE OR NONE	11	0.9	11	0.9
PRIMARY SCHOOL	70	5.9	81	6.9
SECONDARY SCHOOL	595	50.5	676	57.4
BEYOND SECONDARY	502	42.6	1178	100.0

NEW ZEALAND — POPULATION B
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A5.MOTHERS HIGHEST EDUCATION ATTAINED

YMEDUC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
LITTLE OR NONE	16	1.4	16	1.4
PRIMARY SCHOOL	69	5.8	85	7.2
SECONDARY SCHOOL	721	61.0	806	68.2
BEYOND SECONDARY	375	31.8	1181	100.0

A6.DO PARENTS SPEAK LANGUAGE OF INSTRUCT

YHOMLAN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	23	.	.	.
DO NOT SPEAK	35	3.0	35	3.0
SOMETIMES SPEAK	54	4.6	89	7.5
USUALLY SPEAK	84	7.1	173	14.6
ONLY SPEAK	1011	85.4	1184	100.0

A7.YEARS MORE EDUCATION EXPECTED

YMOREED	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
NONE AT ALL	73	6.2	73	6.2
UP TO 2 YEARS	42	3.6	115	9.8
3 TO 5 YEARS	916	77.8	1031	87.5
6 TO 8 YEARS	130	11.0	1161	98.6
MORE THAN 8 YRS	17	1.4	1178	100.0

AD7.LAST WEEK..HOURS MATH HOMEWORK

YMHWKL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	28	.	.	.
0	181	15.4	181	15.4
1 TO 5	799	67.8	980	83.1
6 TO 10	174	14.8	1154	97.9
11 TO 15	23	2.0	1177	99.8
16 TO 20	2	0.2	1179	100.0

AD7.TYPICAL WEEK..HOURS MATH HOMEWORK

YMHWKT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	30	.	.	.
0	80	6.8	80	6.8
1 TO 5	965	82.0	1045	88.8
6 TO 10	126	10.7	1171	99.5
11 TO 15	3	0.3	1174	99.7
16 TO 20	3	0.3	1177	100.0

AD8.LAST WEEK..HOURS ALL HOMEWORK

YAHWKL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	30	.	.	.
0	71	6.0	71	6.0
1 TO 5	251	21.3	322	27.4
6 TO 10	299	25.4	621	52.8
11 TO 15	250	21.2	871	74.0
16 TO 20	151	12.8	1022	86.8
21 TO 35	70	5.9	1092	92.8
26 TO 35	63	5.4	1155	98.1
OVER 35	22	1.9	1177	100.0

AD8.TYPICAL WEEK..HOURS ALL HOMEWORK

YAHWKT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	88	.	.	.
0	22	2.0	22	2.0
1 TO 5	201	18.0	223	19.9
6 TO 10	406	36.3	629	56.2
11 TO 15	267	23.9	896	80.1
16 TO 20	157	14.0	1053	94.1
21 TO 35	66	5.9	1119	100.0

AD9.LAST WEEK..EXTRA MATH TUTORIN

YTUTORL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	33	.	.	.
0	1063	90.5	1063	90.5
1	66	5.6	1129	96.2
2	35	3.0	1164	99.1
3 OR MORE	10	0.9	1174	100.0

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AD9.TYPICAL WEEK..EXTRA MATH TUTO

YTUTORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	36	.	.	.
0	1060	90.5	1060	90.5
1	68	5.8	1128	96.3
2	34	2.9	1162	99.2
3 OR MORE	9	0.8	1171	100.0

A8.HOW FREQUENT FAMILY HELP

YFAMILY	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	22	.	.	.
NEVER	1030	86.9	1030	86.9
OCCASIONALLY	136	11.5	1166	98.4
REGULARLY	19	1.6	1185	100.0

A9.USE OF ABACUS SOROBAN

YABACUS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1200	.	.	.
ONLY IN THE HOME	3	42.9	3	42.9
ONLY MATH CLASS	1	14.3	4	57.1
ONLY OTHER CLASS	1	14.3	5	71.4
1 2 ONLY	1	14.3	6	85.7
2 3 ONLY	1	14.3	7	100.0

A9.USE OF SLIDE RULE

YSLIDE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1089	.	.	.
ONLY IN THE HOME	43	36.4	43	36.4
ONLY MATH CLASS	14	11.9	57	48.3
ONLY OTHER CLASS	27	22.9	84	71.2
1 2 ONLY	5	4.2	89	75.4
1 3 ONLY	13	11.0	102	86.4
2 3 ONLY	3	2.5	105	89.0
ALL THREE	13	11.0	118	100.0

A9.USE OF FOUR-FUNCTION CALCULATOR

YFFCALC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	834	.	.	.
ONLY IN THE HOME	129	34.6	129	34.6
ONLY MATH CLASS	8	2.1	137	36.7
ONLY OTHER CLASS	13	3.5	150	40.2
1 2 ONLY	35	9.4	185	49.6
1 3 ONLY	32	8.6	217	58.2
2 3 ONLY	14	3.8	231	61.9
ALL THREE	142	38.1	373	100.0

A9.USE OF SCIENTIFIC PROGRAMMED CALCULAT

YPPCALC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	331	.	.	.
ONLY IN THE HOME	64	7.3	64	7.3
ONLY MATH CLASS	21	2.4	85	9.7
ONLY OTHER CLASS	15	1.7	100	11.4
1 2 ONLY	74	8.4	174	19.9
1 3 ONLY	43	4.9	217	24.8
2 3 ONLY	47	5.4	264	30.1
ALL THREE	612	69.9	876	100.0

A9.USE OF PROGRAMMABLE CALCULATOR

YPGCALC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	1020	.	.	.
ONLY IN THE HOME	33	17.6	33	17.6
ONLY MATH CLASS	10	5.3	43	23.0
ONLY OTHER CLASS	10	5.3	53	28.3
1 2 ONLY	10	5.3	63	33.7
1 3 ONLY	8	4.3	71	38.0
2 3 ONLY	12	6.4	83	44.4
ALL THREE	104	55.6	187	100.0

A9.USE OF PERSONAL COMPUTER OR TERMINAL

YCOMPTR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	963	.	.	.
ONLY IN THE HOME	17	7.0	17	7.0
ONLY MATH CLASS	66	27.0	83	34.0
ONLY OTHER CLASS	127	52.0	210	86.1
1 2 ONLY	9	3.7	219	89.8
1 3 ONLY	7	2.9	226	92.6
2 3 ONLY	13	5.3	239	98.0
ALL THREE	5	2.0	244	100.0

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A10.CALCULATOR USE FOR CHECKING ANSWERS

YCALCHK	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	660	.	.	.
4 FUNC CALC ONLY	124	22.7	124	22.7
PROGRM CALC ONLY	302	55.2	426	77.9
COMPUTER ONLY	9	1.6	435	79.5
1 2 ONLY	84	15.4	519	94.9
1 3 ONLY	3	0.5	522	95.4
2 3 ONLY	17	3.1	539	98.5
ALL THREE	8	1.5	547	100.0

A10.CALCULATOR USE FOR SOLVING PROBLEMS

YCALSLV	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	112	.	.	.
4 FUNC CALC ONLY	160	14.6	160	14.6
PROGRM CALC ONLY	626	57.2	786	71.8
1 2 ONLY	140	12.8	926	84.6
1 3 ONLY	11	1.0	937	85.6
2 3 ONLY	117	10.7	1054	96.3
ALL THREE	41	3.7	1095	100.0

A10.CALCULATOR USE FOR TAKING TESTS

YCALTST	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	386	.	.	.
4 FUNC CALC ONLY	119	14.5	119	14.5
PROGRM CALC ONLY	618	75.3	737	89.8
COMPUTER ONLY	4	0.5	741	90.3
1 2 ONLY	66	8.0	807	98.3
1 3 ONLY	1	0.1	808	98.4
2 3 ONLY	8	1.0	816	99.4
ALL THREE	5	0.6	821	100.0

A10.CALCULATOR USE AS AID IN DOING PROJE

YCALPRJ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	428	.	.	.
4 FUNC CALC ONLY	118	15.1	118	15.1
PROGRM CALC ONLY	405	52.0	523	67.1
COMPUTER ONLY	35	4.5	558	71.6
1 2 ONLY	57	7.3	615	78.9
1 3 ONLY	9	1.2	624	80.1
2 3 ONLY	116	14.9	740	95.0
ALL THREE	39	5.0	779	100.0

A10.CALCULATOR USE FOR RECREATION

YCALREC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	704	.	.	.
4 FUNC CALC ONLY	47	9.3	47	9.3
PROGRM CALC ONLY	185	36.8	232	46.1
COMPUTER ONLY	133	26.4	365	72.6
1 2 ONLY	20	4.0	385	76.5
1 3 ONLY	8	1.6	393	78.1
2 3 ONLY	90	17.9	483	96.0
ALL THREE	20	4.0	503	100.0

A10.CALCULATOR USE TO DO HOMEWORK

YCALHWK	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	105	.	.	.
4 FUNC CALC ONLY	216	19.6	216	19.6
PROGRM CALC ONLY	678	61.5	894	81.1
COMPUTER ONLY	2	0.2	896	81.3
1 2 ONLY	167	15.2	1063	96.5
1 3 ONLY	6	0.5	1069	97.0
2 3 ONLY	18	1.6	1087	98.6
ALL THREE	15	1.4	1102	100.0

A11.FATHER SEEMS TO ENJOY DOING MATHEMAT

YFLIKES	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	32	.	.	.
EXACTLY LIKE	191	16.3	191	16.3
SOMEWHAT LIKE	334	28.4	525	44.7
UNSURE	312	26.6	837	71.2
NOT MUCH LIKE	230	19.6	1067	90.8
NOT AT ALL LIKE	108	9.2	1175	100.0

A12.MOTHER SEEMS TO ENJOY DOING MATHEMAT

YMLIKES	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
EXACTLY LIKE	46	3.9	46	3.9
SOMEWHAT LIKE	193	16.4	239	20.3
UNSURE	262	22.2	501	42.5
NOT MUCH LIKE	397	33.6	898	76.1
NOT AT ALL LIKE	282	23.9	1180	100.0

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A13.FATHER ABLE TO DO MY MATH HOMEWORK

YFABLE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	32	.	.	.
EXACTLY LIKE	73	6.2	73	6.2
SOMEWHAT LIKE	116	9.9	189	16.1
UNSURE	102	8.7	291	24.8
NOT MUCH LIKE	268	22.8	559	47.6
NOT AT ALL LIKE	616	52.4	1175	100.0

A14.MOTHER ABLE TO DO MY MATH HOMEWORK

YMABLE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
EXACTLY LIKE	18	1.5	18	1.5
SOMEWHAT LIKE	23	1.9	41	3.5
UNSURE	59	5.0	100	8.5
NOT MUCH LIKE	204	17.3	304	25.8
NOT AT ALL LIKE	876	74.2	1180	100.0

A15.PARENTS INTERESTED HELPING ME WITH M

YPINT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
EXACTLY LIKE	89	7.5	89	7.5
SOMEWHAT LIKE	234	19.8	323	27.4
UNSURE	188	15.9	511	43.3
NOT MUCH LIKE	295	25.0	806	68.3
NOT AT ALL LIKE	374	31.7	1180	100.0

A16.MOTHER THINKS MATH IMPORTANT FOR ME

YMIMPT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
EXACTLY LIKE	451	38.3	451	38.3
SOMEWHAT LIKE	486	41.3	937	79.5
UNSURE	175	14.9	1112	94.4
NOT MUCH LIKE	52	4.4	1164	98.8
NOT AT ALL LIKE	14	1.2	1178	100.0

A17.FATHER THINKS MATH IMPORTANT FOR ME

YFIMPT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	34	.	.	.
EXACTLY LIKE	541	46.1	541	46.1
SOMEWHAT LIKE	428	36.5	969	82.6
UNSURE	149	12.7	1118	95.3
NOT MUCH LIKE	41	3.5	1159	98.8
NOT AT ALL LIKE	14	1.2	1173	100.0

A18.PARENTS ENCOURAGE ME TO LEARN MATH

YPENC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
EXACTLY LIKE	368	31.2	368	31.2
SOMEWHAT LIKE	509	43.1	877	74.3
UNSURE	166	14.1	1043	88.3
NOT MUCH LIKE	103	8.7	1146	97.0
NOT AT ALL LIKE	35	3.0	1181	100.0

A19.PARENTS WANT ME TO DO WELL IN MATH

YPWANT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
EXACTLY LIKE	536	45.4	536	45.4
SOMEWHAT LIKE	493	41.7	1029	87.1
UNSURE	100	8.5	1129	95.6
NOT MUCH LIKE	42	3.6	1171	99.2
NOT AT ALL LIKE	10	0.8	1181	100.0

B1.IMPTNT..CHCKNG AN ANSWER

YCHKI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
VERY IMPORTANT	417	35.3	417	35.3
IMPORTANT	662	56.1	1079	91.4
UNDECIDED	76	6.4	1155	97.9
NOT IMPORTANT	23	1.9	1178	99.8
NOT AT ALL IMPRT	2	0.2	1180	100.0

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B1.EASY..CHCKNG AN ANSWER

YCHKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	45	.	.	.
VERY EASY	54	4.6	54	4.6
EASY	525	45.2	579	49.8
UNDECIDED	386	33.2	965	83.0
HARD	191	16.4	1156	99.5
VERY HARD	6	0.5	1162	100.0

B1.LIKE..CHCKNG AN ANSWER

YCHKL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	44	.	.	.
LIKE A LOT	14	1.2	14	1.2
LIKE	210	18.1	224	19.3
UNDECIDED	329	28.3	553	47.5
DISLIKE	541	46.5	1094	94.1
DISLIKE A LOT	69	5.9	1163	100.0

B2.IMPTNT..MEMORIZING RULES ETC

YMEMI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
VERY IMPORTANT	418	35.4	418	35.4
IMPORTANT	586	49.7	1004	85.1
UNDECIDED	78	6.6	1082	91.7
NOT IMPORTANT	90	7.6	1172	99.3
NOT AT ALL IMPRT	8	0.7	1180	100.0

B2.EASY..MEMORIZING RULES ETC

YMEME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	38	.	.	.
VERY EASY	31	2.7	31	2.7
EASY	333	28.5	364	31.1
UNDECIDED	213	18.2	577	49.4
HARD	525	44.9	1102	94.3
VERY HARD	67	5.7	1169	100.0

B2.LIKE..MEMORIZING RULES ETC

YMEML	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	44	.	.	.
LIKE A LOT	15	1.3	15	1.3
LIKE	181	15.6	196	16.9
UNDECIDED	289	24.8	485	41.7
DISLIKE	558	48.0	1043	89.7
DISLIKE A LOT	120	10.3	1163	100.0

B3.IMPTNT..SOLVNG WORD PROBLEMS

YWPI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	34	.	.	.
VERY IMPORTANT	122	10.4	122	10.4
IMPORTANT	466	39.7	588	50.1
UNDECIDED	379	32.3	967	82.4
NOT IMPORTANT	175	14.9	1142	97.4
NOT AT ALL IMPRT	31	2.6	1173	100.0

B3.EASY..SOLVNG WORD PROBLEMS

YWPE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	39	.	.	.
VERY EASY	30	2.6	30	2.6
EASY	259	22.2	289	24.7
UNDECIDED	473	40.5	762	65.2
HARD	348	29.8	1110	95.0
VERY HARD	58	5.0	1168	100.0

B3.LIKE..SOLVNG WORD PROBLEMS

YWPL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	42	.	.	.
LIKE A LOT	44	3.8	44	3.8
LIKE	298	25.6	342	29.4
UNDECIDED	385	33.0	727	62.4
DISLIKE	355	30.5	1082	92.9
DISLIKE A LOT	83	7.1	1165	100.0

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B4.IMPTNT..STATISTICAL TABLES

YSTATI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
VERY IMPORTANT	270	22.9	270	22.9
IMPORTANT	704	59.7	974	82.5
UNDECIDED	149	12.6	1123	95.2
NOT IMPORTANT	53	4.5	1176	99.7
NOT AT ALL IMPRT	4	0.3	1180	100.0

B4.EASY..STATISTICAL TABLES

YSTATE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	35	.	.	.
VERY EASY	225	19.2	225	19.2
EASY	718	61.3	943	80.5
UNDECIDED	170	14.5	1113	95.0
HARD	55	4.7	1168	99.7
VERY HARD	4	0.3	1172	100.0

B4.LIKE..STATISTICAL TABLES

YSTATL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	43	.	.	.
LIKE A LOT	81	7.0	81	7.0
LIKE	493	42.4	574	49.3
UNDECIDED	396	34.0	970	83.3
DISLIKE	177	15.2	1147	98.5
DISLIKE A LOT	17	1.5	1164	100.0

B5.IMPTNT..SOLVNG EQUATIONS

YEQUAI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
VERY IMPORTANT	526	44.6	526	44.6
IMPORTANT	578	49.0	1104	93.6
UNDECIDED	58	4.9	1162	98.5
NOT IMPORTANT	17	1.4	1179	99.9
NOT AT ALL IMPRT	1	0.1	1180	100.0

B5.EASY..SOLVNG EQUATIONS

YEQUAE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	35	.	.	.
VERY EASY	77	6.6	77	6.6
EASY	455	38.8	532	45.4
UNDECIDED	378	32.3	910	77.6
HARD	244	20.8	1154	98.5
VERY HARD	18	1.5	1172	100.0

B5.LIKE..SOLVNG EQUATIONS

YEQUAL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	44	.	.	.
LIKE A LOT	170	14.6	170	14.6
LIKE	584	50.2	754	64.8
UNDECIDED	256	22.0	1010	86.8
DISLIKE	131	11.3	1141	98.1
DISLIKE A LOT	22	1.9	1163	100.0

B6.IMPTNT..PROVING THEOREMS

YTHRMI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
VERY IMPORTANT	192	16.3	192	16.3
IMPORTANT	514	43.6	706	59.9
UNDECIDED	249	21.1	955	81.0
NOT IMPORTANT	193	16.4	1148	97.4
NOT AT ALL IMPRT	31	2.6	1179	100.0

B6.EASY..PROVING THEOREMS

YTHRME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	35	.	.	.
VERY EASY	6	0.5	6	0.5
EASY	101	8.6	107	9.1
UNDECIDED	274	23.4	381	32.5
HARD	603	51.5	984	84.0
VERY HARD	188	16.0	1172	100.0

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B6.LIKE..PROVING THEOREMS

YTHRML	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	40	.	.	.
LIKE A LOT	54	4.6	54	4.6
LIKE	211	18.1	265	22.7
UNDECIDED	231	19.8	496	42.5
DISLIKE	467	40.0	963	82.5
DISLIKE A LOT	204	17.5	1167	100.0

B7.IMPTNT..USING VECTORS

YVECTI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	32	.	.	.
VERY IMPORTANT	102	8.7	102	8.7
IMPORTANT	587	50.0	689	58.6
UNDECIDED	323	27.5	1012	86.1
NOT IMPORTANT	153	13.0	1165	99.1
NOT AT ALL IMPRT	10	0.9	1175	100.0

B7.EASY..USING VECTORS

YVECTE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	37	.	.	.
VERY EASY	80	6.8	80	6.8
EASY	573	49.0	653	55.8
UNDECIDED	285	24.4	938	80.2
HARD	208	17.8	1146	97.9
VERY HARD	24	2.1	1170	100.0

B7.LIKE..USING VECTORS

YVECTL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	45	.	.	.
LIKE A LOT	64	5.5	64	5.5
LIKE	426	36.7	490	42.2
UNDECIDED	350	30.1	840	72.3
DISLIKE	275	23.7	1115	96.0
DISLIKE A LOT	47	4.0	1162	100.0

B8.IMPTNT..COMPLEX NUMBERS

YCMPXI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	31	.	.	.
VERY IMPORTANT	61	5.2	61	5.2
IMPORTANT	414	35.2	475	40.4
UNDECIDED	392	33.3	867	73.7
NOT IMPORTANT	246	20.9	1113	94.6
NOT AT ALL IMPRT	63	5.4	1176	100.0

B8.EASY..COMPLEX NUMBERS

YCMPXE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	37	.	.	.
VERY EASY	72	6.2	72	6.2
EASY	441	37.7	513	43.8
UNDECIDED	345	29.5	858	73.3
HARD	266	22.7	1124	96.1
VERY HARD	46	3.9	1170	100.0

B8.LIKE..COMPLEX NUMBERS

YCMPXL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	38	.	.	.
LIKE A LOT	80	6.8	80	6.8
LIKE	431	36.9	511	43.7
UNDECIDED	345	29.5	856	73.2
DISLIKE	241	20.6	1097	93.8
DISLIKE A LOT	72	6.2	1169	100.0

B9.IMPTNT..SEQUENCES AND SERIES

YSERI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	30	.	.	.
VERY IMPORTANT	72	6.1	72	6.1
IMPORTANT	600	51.0	672	57.1
UNDECIDED	298	25.3	970	82.4
NOT IMPORTANT	187	15.9	1157	98.3
NOT AT ALL IMPRT	20	1.7	1177	100.0

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B9.EASY..SEQUENCES AND SERIES

YSERE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	36	.	.	.
VERY EASY	45	3.8	45	3.8
EASY	439	37.5	484	41.3
UNDECIDED	352	30.1	836	71.4
HARD	299	25.5	1135	96.9
VERY HARD	36	3.1	1171	100.0

B9.LIKE..SEQUENCES AND SERIES

YSERL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	41	.	.	.
LIKE A LOT	67	5.7	67	5.7
LIKE	415	35.6	482	41.3
UNDECIDED	312	26.8	794	68.1
DISLIKE	305	26.2	1099	94.3
DISLIKE A LOT	67	5.7	1166	100.0

B10.IMPTNT..DIFFERENTIAT FUNCTIONS

YDIFI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	30	.	.	.
VERY IMPORTANT	337	28.6	337	28.6
IMPORTANT	610	51.8	947	80.5
UNDECIDED	125	10.6	1072	91.1
NOT IMPORTANT	88	7.5	1160	98.6
NOT AT ALL IMPRT	17	1.4	1177	100.0

B10.EASY..DIFFERENTIAT FUNCTIONS

YDIFE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	35	.	.	.
VERY EASY	114	9.7	114	9.7
EASY	556	47.4	670	57.2
UNDECIDED	232	19.8	902	77.0
HARD	231	19.7	1133	96.7
VERY HARD	39	3.3	1172	100.0

B10.LIKE..DIFFERENTIAT FUNCTIONS

YDIFL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	40	.	.	.
LIKE A LOT	203	17.4	203	17.4
LIKE	579	49.6	782	67.0
UNDECIDED	209	17.9	991	84.9
DISLIKE	140	12.0	1131	96.9
DISLIKE A LOT	36	3.1	1167	100.0

B11.IMPTNT..GRAPHS OF FUNCTIONS

YGRFFI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	31	.	.	.
VERY IMPORTANT	171	14.5	171	14.5
IMPORTANT	655	55.7	826	70.2
UNDECIDED	222	18.9	1048	89.1
NOT IMPORTANT	112	9.5	1160	98.6
NOT AT ALL IMPRT	16	1.4	1176	100.0

B11.EASY..GRAPHS OF FUNCTIONS

YGRFFE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	36	.	.	.
VERY EASY	76	6.5	76	6.5
EASY	501	42.8	577	49.3
UNDECIDED	305	26.0	882	75.3
HARD	261	22.3	1143	97.6
VERY HARD	28	2.4	1171	100.0

B11.LIKE..GRAPHS OF FUNCTIONS

YGRFFL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	42	.	.	.
LIKE A LOT	103	8.8	103	8.8
LIKE	489	42.0	592	50.8
UNDECIDED	242	20.8	834	71.6
DISLIKE	284	24.4	1118	96.0
DISLIKE A LOT	47	4.0	1165	100.0

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B12.IMPTNT..LIMITS OF FUNCTIONS

YLIMFI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	32	.	.	.
VERY IMPORTANT	57	4.9	57	4.9
IMPORTANT	526	44.8	583	49.6
UNDECIDED	377	32.1	960	81.7
NOT IMPORTANT	188	16.0	1148	97.7
NOT AT ALL IMPRT	27	2.3	1175	100.0

B12.EASY..LIMITS OF FUNCTIONS

YLIMFE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	36	.	.	.
VERY EASY	57	4.9	57	4.9
EASY	428	36.5	485	41.4
UNDECIDED	347	29.6	832	71.1
HARD	305	26.0	1137	97.1
VERY HARD	34	2.9	1171	100.0

B12.LIKE..LIMITS OF FUNCTIONS

YLIMFL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	44	.	.	.
LIKE A LOT	35	3.0	35	3.0
LIKE	306	26.3	341	29.3
UNDECIDED	412	35.4	753	64.7
DISLIKE	360	31.0	1113	95.7
DISLIKE A LOT	50	4.3	1163	100.0

B13.IMPTNT..INTEGRAT FUNCTIONS

YINTFI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	30	.	.	.
VERY IMPORTANT	296	25.1	296	25.1
IMPORTANT	602	51.1	898	76.3
UNDECIDED	172	14.6	1070	90.9
NOT IMPORTANT	86	7.3	1156	98.2
NOT AT ALL IMPRT	21	1.8	1177	100.0

B13.EASY..INTEGRAT FUNCTIONS

YINTFE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	36	.	.	.
VERY EASY	34	2.9	34	2.9
EASY	338	28.9	372	31.8
UNDECIDED	292	24.9	664	56.7
HARD	422	36.0	1086	92.7
VERY HARD	85	7.3	1171	100.0

B13.LIKE..INTEGRAT FUNCTIONS

YINTFL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	39	.	.	.
LIKE A LOT	96	8.2	96	8.2
LIKE	484	41.4	580	49.7
UNDECIDED	269	23.0	849	72.7
DISLIKE	252	21.6	1101	94.3
DISLIKE A LOT	67	5.7	1168	100.0

B14.IMPTNT..DETERMINING PROB

YPROBI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
VERY IMPORTANT	224	19.0	224	19.0
IMPORTANT	665	56.5	889	75.5
UNDECIDED	199	16.9	1088	92.4
NOT IMPORTANT	80	6.8	1168	99.2
NOT AT ALL IMPRT	10	0.8	1178	100.0

B14.EASY..DETERMINING PROB

YPROBE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	37	.	.	.
VERY EASY	48	4.1	48	4.1
EASY	375	32.1	423	36.2
UNDECIDED	370	31.6	793	67.8
HARD	328	28.0	1121	95.8
VERY HARD	49	4.2	1170	100.0

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B14.LIKE..DETERMINING PROB

YPROBL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	41	.	.	.
LIKE A LOT	91	7.8	91	7.8
LIKE	375	32.2	466	40.0
UNDECIDED	335	28.7	801	68.7
DISLIKE	280	24.0	1081	92.7
DISLIKE A LOT	85	7.3	1166	100.0

B15.IMPTNT..USING HAND CALCULAT

YCALCI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
VERY IMPORTANT	254	21.6	254	21.6
IMPORTANT	452	38.4	706	59.9
UNDECIDED	230	19.5	936	79.5
NOT IMPORTANT	196	16.6	1132	96.1
NOT AT ALL IMPRT	46	3.9	1178	100.0

B15.EASY..USING HAND CALCULAT

YCALCE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	36	.	.	.
VERY EASY	539	46.0	539	46.0
EASY	546	46.6	1085	92.7
UNDECIDED	60	5.1	1145	97.8
HARD	23	2.0	1168	99.7
VERY HARD	3	0.3	1171	100.0

B15.LIKE..USING HAND CALCULAT

YCALCL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	53	.	.	.
LIKE A LOT	367	31.8	367	31.8
LIKE	568	49.2	935	81.0
UNDECIDED	173	15.0	1108	96.0
DISLIKE	36	3.1	1144	99.1
DISLIKE A LOT	10	0.9	1154	100.0

C17.MATH WILL CHANGE RAPIDLY NEAR FUTURE

YCHANGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	24	.	.	.
STRONGLY DISAGRE	14	1.2	14	1.2
DISAGREE	281	23.8	295	24.9
UNDECIDED	284	24.0	579	48.9
AGREE	490	41.4	1069	90.4
STRONGLY AGREE	114	9.6	1183	100.0

C34.MATH IS A GOOD FIELD FOR CREATIVE PE

YCREATE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	25	.	.	.
STRONGLY DISAGRE	97	8.2	97	8.2
DISAGREE	416	35.2	513	43.4
UNDECIDED	311	26.3	824	69.7
AGREE	308	26.1	1132	95.8
STRONGLY AGREE	50	4.2	1182	100.0

C43.LITTLE PLACE FOR ORIGINALITY IN MATH

YLTORIG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	25	.	.	.
STRONGLY DISAGRE	50	4.2	50	4.2
DISAGREE	315	26.6	365	30.9
UNDECIDED	226	19.1	591	50.0
AGREE	462	39.1	1053	89.1
STRONGLY AGREE	129	10.9	1182	100.0

C53.NEW DISCOVERIES IN MATH ARE BEING MA

YNEWDSC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	25	.	.	.
STRONGLY DISAGRE	21	1.8	21	1.8
DISAGREE	169	14.3	190	16.1
UNDECIDED	586	49.6	776	65.7
AGREE	354	29.9	1130	95.6
STRONGLY AGREE	52	4.4	1182	100.0

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C40.MATH HELPS ONE THINK IN STRICT RULES

YRULES	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	25	.	.	.
STRONGLY DISAGRE	15	1.3	15	1.3
DISAGREE	191	16.2	206	17.4
UNDECIDED	253	21.4	459	38.8
AGREE	609	51.5	1068	90.4
STRONGLY AGREE	114	9.6	1182	100.0

C47.ESTIMATING IS AN IMPORTANT MATH SKIL

YESTIMP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	24	.	.	.
STRONGLY DISAGRE	14	1.2	14	1.2
DISAGREE	225	19.0	239	20.2
UNDECIDED	265	22.4	504	42.6
AGREE	583	49.3	1087	91.9
STRONGLY AGREE	96	8.1	1183	100.0

C48.MANY WAYS TO SOLVE MOST MATH PROBLEM

YMNYWYS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	25	.	.	.
STRONGLY DISAGRE	5	0.4	5	0.4
DISAGREE	224	19.0	229	19.4
UNDECIDED	258	21.8	487	41.2
AGREE	612	51.8	1099	93.0
STRONGLY AGREE	83	7.0	1182	100.0

C29.LEARNING MATH MOSTLY MEMORIZI

YMEMRZG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
STRONGLY DISAGRE	128	10.8	128	10.8
DISAGREE	586	49.6	714	60.5
UNDECIDED	139	11.8	853	72.2
AGREE	277	23.5	1130	95.7
STRONGLY AGREE	51	4.3	1181	100.0

C31.MATH PROBLEMS BE SOLVED WITHOUT RULE

YWORULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	24	.	.	.
STRONGLY DISAGRE	179	15.1	179	15.1
DISAGREE	541	45.7	720	60.9
UNDECIDED	241	20.4	961	81.2
AGREE	210	17.8	1171	99.0
STRONGLY AGREE	12	1.0	1183	100.0

C25.TRIAL AND ERROR CAN OFTEN BE USED

YTAESLV	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
STRONGLY DISAGRE	32	2.7	32	2.7
DISAGREE	227	19.2	259	21.9
UNDECIDED	230	19.5	489	41.4
AGREE	640	54.2	1129	95.6
STRONGLY AGREE	52	4.4	1181	100.0

C19.ALWAYS A RULE IN SOLVING A MATH PROB

YALWRUL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
STRONGLY DISAGRE	21	1.8	21	1.8
DISAGREE	270	22.9	291	24.6
UNDECIDED	240	20.3	531	45.0
AGREE	585	49.5	1116	94.5
STRONGLY AGREE	65	5.5	1181	100.0

C8.NO NEW MATH DISCOVERIES FOR A LONG TI

YNONEW	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
STRONGLY DISAGRE	108	9.2	108	9.2
DISAGREE	412	34.9	520	44.1
UNDECIDED	581	49.2	1101	93.3
AGREE	74	6.3	1175	99.6
STRONGLY AGREE	5	0.4	1180	100.0

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C45.MATH IS A SET OF RULES

YMTHRUL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	45	3.8	45	3.8
DISAGREE	351	29.8	396	33.6
UNDECIDED	278	23.6	674	57.2
AGREE	462	39.2	1136	96.4
STRONGLY AGREE	43	3.6	1179	100.0

C54.MATH CAN BE SOLVED IN DIFFERENT WAYS

YDIFWAY	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	22	1.9	22	1.9
DISAGREE	289	24.5	311	26.4
UNDECIDED	317	26.9	628	53.3
AGREE	509	43.2	1137	96.4
STRONGLY AGREE	42	3.6	1179	100.0

C9.MATH HELPS ONE THINK LOGICALLY

YMTHLOG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
STRONGLY DISAGRE	14	1.2	14	1.2
DISAGREE	74	6.3	88	7.5
UNDECIDED	119	10.1	207	17.6
AGREE	709	60.2	916	77.8
STRONGLY AGREE	262	22.2	1178	100.0

C6.I WANT TO DO WELL IN MATH

YIWANT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	9	0.8	9	0.8
DISAGREE	37	3.1	46	3.9
UNDECIDED	180	15.3	226	19.2
AGREE	580	49.2	806	68.4
STRONGLY AGREE	373	31.6	1179	100.0

C14.MY PARENTS WANT ME TO DO WELL IN MAT

YPWWELL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
STRONGLY DISAGRE	6	0.5	6	0.5
DISAGREE	39	3.3	45	3.8
UNDECIDED	246	20.8	291	24.7
AGREE	605	51.3	896	75.9
STRONGLY AGREE	284	24.1	1180	100.0

C32.LOOKING FORWARD TO TAKING MORE MATH

YMORMTH	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
STRONGLY DISAGRE	145	12.3	145	12.3
DISAGREE	224	19.0	369	31.2
UNDECIDED	381	32.3	750	63.5
AGREE	315	26.7	1065	90.2
STRONGLY AGREE	116	9.8	1181	100.0

C10.I FEEL GOOD WHEN I SOLVE A MATH PROB

YFLGOOD	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
STRONGLY DISAGRE	4	0.3	4	0.3
DISAGREE	9	0.8	13	1.1
UNDECIDED	46	3.9	59	5.0
AGREE	589	49.9	648	54.9
STRONGLY AGREE	533	45.1	1181	100.0

C3.I USUALLY UNDERSTAND MATH CLASS

YUSTAND	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
STRONGLY DISAGRE	44	3.7	44	3.7
DISAGREE	165	14.0	209	17.7
UNDECIDED	200	16.9	409	34.7
AGREE	615	52.1	1024	86.8
STRONGLY AGREE	156	13.2	1180	100.0

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C27.I AM NOT SO GOOD AT MATH

YING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
STRONGLY DISAGRE	152	12.9	152	12.9
DISAGREE	481	40.8	633	53.7
UNDECIDED	289	24.5	922	78.3
AGREE	204	17.3	1126	95.6
STRONGLY AGREE	52	4.4	1178	100.0

C23.I LIKE TO HELP OTHERS WITH MATH PROB

YHELPO	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	33	2.8	33	2.8
DISAGREE	149	12.6	182	15.4
UNDECIDED	280	23.7	462	39.2
AGREE	632	53.6	1094	92.8
STRONGLY AGREE	85	7.2	1179	100.0

C52.IF CHOICE I WOULDNT LEARN ANY MORE M

YNOMORE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	233	19.8	233	19.8
DISAGREE	457	38.8	690	58.5
UNDECIDED	257	21.8	947	80.3
AGREE	165	14.0	1112	94.3
STRONGLY AGREE	67	5.7	1179	100.0

C28.I FEEL CHALLENGED BY DIFFICULT MATH

YCHALL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
STRONGLY DISAGRE	33	2.8	33	2.8
DISAGREE	183	15.5	216	18.3
UNDECIDED	238	20.2	454	38.5
AGREE	593	50.3	1047	88.7
STRONGLY AGREE	133	11.3	1180	100.0

C41.I REFUSE TO SPEND MY OWN TIME DOING

YNOTIME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	77	6.5	77	6.5
DISAGREE	485	41.1	562	47.7
UNDECIDED	291	24.7	853	72.3
AGREE	251	21.3	1104	93.6
STRONGLY AGREE	75	6.4	1179	100.0

C37.MATH IS HARDER FOR ME THAN MOST PERS

YHARDER	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	126	10.7	126	10.7
DISAGREE	593	50.3	719	61.0
UNDECIDED	303	25.7	1022	86.7
AGREE	122	10.3	1144	97.0
STRONGLY AGREE	35	3.0	1179	100.0

C22.I COULD NEVER BE A GOOD MATHEMATICIA

YNEVER	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
STRONGLY DISAGRE	113	9.6	113	9.6
DISAGREE	435	36.9	548	46.4
UNDECIDED	337	28.6	885	75.0
AGREE	226	19.2	1111	94.2
STRONGLY AGREE	69	5.8	1180	100.0

C35.NOT WELL IN MATH HOWEVER HARD I TRY

YNOTWLL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
STRONGLY DISAGRE	216	18.3	216	18.3
DISAGREE	652	55.3	868	73.6
UNDECIDED	197	16.7	1065	90.3
AGREE	87	7.4	1152	97.6
STRONGLY AGREE	28	2.4	1180	100.0

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C4.I WILL WORK TO UNDERSTAND MATH IDEA

YWRKLNG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
STRONGLY DISAGRE	38	3.2	38	3.2
DISAGREE	358	30.3	396	33.6
UNDECIDED	335	28.4	731	61.9
AGREE	415	35.2	1146	97.1
STRONGLY AGREE	34	2.9	1180	100.0

C24.WORKING WITH NUMBERS MAKES ME HAPPY

YHAPPY	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	25	.	.	.
STRONGLY DISAGRE	54	4.6	54	4.6
DISAGREE	262	22.2	316	26.7
UNDECIDED	491	41.5	807	68.3
AGREE	327	27.7	1134	95.9
STRONGLY AGREE	48	4.1	1182	100.0

C20.IT SCARES ME TO HAVE TO TAKE MATHEMA

YSCARED	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	264	22.4	264	22.4
DISAGREE	740	62.8	1004	85.2
UNDECIDED	119	10.1	1123	95.3
AGREE	47	4.0	1170	99.2
STRONGLY AGREE	9	0.8	1179	100.0

C49.I USUALLY FEEL CALM WHEN DOING MATH

YCALM	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
STRONGLY DISAGRE	56	4.7	56	4.7
DISAGREE	370	31.4	426	36.1
UNDECIDED	395	33.5	821	69.6
AGREE	337	28.6	1158	98.1
STRONGLY AGREE	22	1.9	1180	100.0

C15.I THINK MATH IS FUN

YFUN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
STRONGLY DISAGRE	98	8.3	98	8.3
DISAGREE	218	18.5	316	26.8
UNDECIDED	440	37.4	756	64.2
AGREE	377	32.0	1133	96.2
STRONGLY AGREE	45	3.8	1178	100.0

C30.WHEN CANNOT FIGURE FEEL LOST IN A MA

YINMAZE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	32	2.7	32	2.7
DISAGREE	268	22.7	300	25.4
UNDECIDED	251	21.3	551	46.7
AGREE	515	43.7	1066	90.4
STRONGLY AGREE	113	9.6	1179	100.0

C38.MEN MAKE BETTER SCIENTISTS AND ENGIN

YMENBET	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	30	.	.	.
STRONGLY DISAGRE	434	36.9	434	36.9
DISAGREE	297	25.2	731	62.1
UNDECIDED	242	20.6	973	82.7
AGREE	130	11.0	1103	93.7
STRONGLY AGREE	74	6.3	1177	100.0

C44.BOYS HAVE MORE NATURAL ABILITY IN MA

YBOYSAB	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
STRONGLY DISAGRE	462	39.2	462	39.2
DISAGREE	319	27.1	781	66.3
UNDECIDED	236	20.0	1017	86.3
AGREE	120	10.2	1137	96.5
STRONGLY AGREE	41	3.5	1178	100.0

C51.BOYS NEED MORE MATH THAN GIRL

YBOYSND	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	27	.	.	.
STRONGLY DISAGRE	394	33.4	394	33.4
DISAGREE	386	32.7	780	66.1
UNDECIDED	211	17.9	991	84.0
AGREE	163	13.8	1154	97.8
STRONGLY AGREE	26	2.2	1180	100.0

C18.A WOMAN NEEDS A CAREER AS MUCH AS MA

YWOMCAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	31	2.6	31	2.6
DISAGREE	87	7.4	118	10.0
UNDECIDED	146	12.4	264	22.4
AGREE	454	38.5	718	60.9
STRONGLY AGREE	461	39.1	1179	100.0

C21.MATH IS IMPORTANT TO GET A GOOD JOB

YMTHJOB	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
STRONGLY DISAGRE	44	3.7	44	3.7
DISAGREE	222	18.8	266	22.6
UNDECIDED	222	18.8	488	41.4
AGREE	565	48.0	1053	89.4
STRONGLY AGREE	125	10.6	1178	100.0

C46.MOST PEOPLE DONT USE MATH IN THEIR J

YNOUSE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
STRONGLY DISAGRE	82	6.9	82	6.9
DISAGREE	607	51.4	689	58.3
UNDECIDED	290	24.6	979	82.9
AGREE	177	15.0	1156	97.9
STRONGLY AGREE	25	2.1	1181	100.0

C7.I WOULD LIKE JOB THAT LETS ME USE MAT

YJOBUSE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	62	5.3	62	5.3
DISAGREE	167	14.2	229	19.4
UNDECIDED	358	30.4	587	49.8
AGREE	486	41.2	1073	91.0
STRONGLY AGREE	106	9.0	1179	100.0

C39.MATH USEFUL IN EVERYDAY PROBL

YUSEDAY	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	24	2.0	24	2.0
DISAGREE	161	13.7	185	15.7
UNDECIDED	256	21.7	441	37.4
AGREE	658	55.8	1099	93.2
STRONGLY AGREE	80	6.8	1179	100.0

C2.I CAN GET ALONG WELL WITHOUT MATHEMAT

YGOWO	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	28	.	.	.
STRONGLY DISAGRE	84	7.1	84	7.1
DISAGREE	490	41.6	574	48.7
UNDECIDED	306	26.0	880	74.6
AGREE	274	23.2	1154	97.9
STRONGLY AGREE	25	2.1	1179	100.0

C42.MOST MATH HAS PRACTICAL USE ON THE J

YPRACT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	29	.	.	.
STRONGLY DISAGRE	52	4.4	52	4.4
DISAGREE	287	24.4	339	28.8
UNDECIDED	304	25.8	643	54.6
AGREE	480	40.7	1123	95.3
STRONGLY AGREE	55	4.7	1178	100.0

C13.MATH NOT NEEDED EVERYDAY LIVI

YNONEED	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
STRONGLY DISAGRE	95	8.0	95	8.0
DISAGREE	651	55.1	746	63.2
UNDECIDED	240	20.3	986	83.5
AGREE	181	15.3	1167	98.8
STRONGLY AGREE	14	1.2	1181	100.0

C5.MATH NOT NECESSARY IN MOST OCCUPATION

YNOTNEC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
STRONGLY DISAGRE	84	7.1	84	7.1
DISAGREE	680	57.6	764	64.7
UNDECIDED	238	20.2	1002	84.8
AGREE	164	13.9	1166	98.7
STRONGLY AGREE	15	1.3	1181	100.0

C36.LESS FUN TO LEARN MATH IF USE CACULA

YLSSFUN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	26	.	.	.
STRONGLY DISAGRE	133	11.3	133	11.3
DISAGREE	591	50.0	724	61.3
UNDECIDED	249	21.1	973	82.4
AGREE	179	15.2	1152	97.5
STRONGLY AGREE	29	2.5	1181	100.0

C11.CALCULATOR MEANS NOT HAVE LEARN COMP

YNOCOMP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	38	.	.	.
STRONGLY DISAGRE	235	20.1	235	20.1
DISAGREE	684	58.5	919	78.6
UNDECIDED	76	6.5	995	85.1
AGREE	152	13.0	1147	98.1
STRONGLY AGREE	22	1.9	1169	100.0

C50.CALCULATOR CAN HELP YOU LEARN MATH T

YCALHLP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	38	.	.	.
STRONGLY DISAGRE	55	4.7	55	4.7
DISAGREE	322	27.5	377	32.2
UNDECIDED	273	23.4	650	55.6
AGREE	448	38.3	1098	93.9
STRONGLY AGREE	71	6.1	1169	100.0

C1.WORD PROBLEMS MORE FUN WITH CALCULATO

YFUNCAL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	40	.	.	.
STRONGLY DISAGRE	72	6.2	72	6.2
DISAGREE	333	28.5	405	34.7
UNDECIDED	620	53.1	1025	87.8
AGREE	123	10.5	1148	98.4
STRONGLY AGREE	19	1.6	1167	100.0

C26.COMPUTERS SOLVE BETTER THAN PEOPLE D

YCMPSLV	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	43	.	.	.
STRONGLY DISAGRE	96	8.2	96	8.2
DISAGREE	378	32.5	474	40.7
UNDECIDED	330	28.4	804	69.1
AGREE	290	24.9	1094	94.0
STRONGLY AGREE	70	6.0	1164	100.0

C12.COMPUTERS MAKES LEARNING MATH BORING

YBORING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	39	.	.	.
STRONGLY DISAGRE	102	8.7	102	8.7
DISAGREE	496	42.5	598	51.2
UNDECIDED	355	30.4	953	81.6
AGREE	179	15.3	1132	96.9
STRONGLY AGREE	36	3.1	1168	100.0

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C16.EVERYONE SHOULD LEARN ABOUT COMPUTER

YALLCMP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	38	.	.	.
STRONGLY DISAGRE	15	1.3	15	1.3
DISAGREE	116	9.9	131	11.2
UNDECIDED	211	18.0	342	29.3
AGREE	673	57.6	1015	86.8
STRONGLY AGREE	154	13.2	1169	100.0

C33.COMPUTERS DO GOOD THINGS FOR PEOPLE

YCOMPOK	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	40	.	.	.
STRONGLY DISAGRE	20	1.7	20	1.7
DISAGREE	61	5.2	81	6.9
UNDECIDED	259	22.2	340	29.1
AGREE	634	54.3	974	83.5
STRONGLY AGREE	193	16.5	1167	100.0

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